

Service Manual

ViewSonic P225f
Model No. VCDTS22074-1

***22" Digital Controlled Color Monitor
(20" viewable) Professional Series***



(P225f_SM_2024 Rev. 2 - February 2002)

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Revision History

Revision	Date	Description Of Changes	Approval
1.0	2/1/01	Initial Issue – DCN1142	T. Sears
2.0	2/4/02	Revised Parts List	C. Seraidaris

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FCC Statement

This equipment has been tested and found to comply with the limits of Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy, and for if not installed and used in accordance with the instructions, may cause harmful interference to radio communication. However, there is no guarantee that the interference will not occur in a particular installation. If this equipment does cause unacceptable interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of following measures

- Reorient or relocate the receiving antenna.
- Increase the separation between equipment and receiver.
- Connect the into an outlet on circuit different from that to which the receiver is connected.
- Consult the dealer or an experience radio/TV technician for help.

FCC Warning

To assure continued FCC compliance, the user must a grounded power supply cord and the provided shielded video interface cable with bonded ferrite cores. Also, unauthorized changes or modifications to ViewSonic products will void the user's authority to operate this device. Thus ViewSonic will not be held responsible for the product and its safety.

CE Certification



this device complies with the requirements of the ECC directive 89/3366/EEC with regard to "Electromagnetic compatibility."

Safety Guidelines

Caution: Use a power cable that is properly grounded. always use the AC cords listed below for each area

- USA (UL)
- Canada (CSA)
- Germany (VDE)
- Switzerland (SEV)
- Britain (BASE/BS)
- Japan (Electric Appliance Control Act)

In other areas, use AC cord which meets the local safety standards.

Chapter 1 Feature

1.1. On-View on-screen-display digital controlled

1.1.1. User friendly 4-key control and On Screen Display for finest screen adjustment:

- CONTRAST
- BRIGHTNESS
- H-SIZE
- H-POSITION
- V-SIZE
- V-POSITION
- PINCUSHION
- PIN-BALANCE
- TRAPEZOID
- PARALLELOGRAM
- ZOOM
- TILT
- VIEWMETER
- CONVERGENCE
- V-LINEARITY
- HOOKING
- FOCUS
- COLOR
- PURITY
- OSD CONTROL
- MOIRE
- DEGAUSS
- LANGUAGE
- DATA RECALL

1.1.2. Factory geometric settings for 12 preset timings.

1.1.3. Geometric settings for 6 user definable timings.

1.1.4. Factory setting for Color Temperature modes (5000°K, 6500°K,9300°K).

1.1.5. Auto-tracking for stable synchronize system.

1.2. Power-line-input operating range

90~132Vac/60Hz or 180~264Vac/50Hz universal

1.3. DPMS (Display Power Management System)

1.3.1. The P220f-2 is compliant with Energy Star as well as VESA DPMS spec.

1.3.2. The power dissipation is less than 15 watts for Suspend/Standby mode and 3 watts for Off mode.

1.4. Operating Frequency range

The P220f-2 provides wide operating ranges of horizontal frequency from 30 to 110KHz and Vertical frequency from 50 to 180Hz. This range makes the P220f-2 to be compatible with most video timing standard such as VGA, SVGA, VESA, XGA, ... and etc. It supports up to 1024 x 768 @85Hz, 1280 x 1024 @85Hz and 1600 x 1200 @ 85Hz.

Chapter 2 Specification

CRT	MITSUBISHI, 22NF Diamondtron, 90 degree deflection. .25mm dot pitch, tinted, anti-glare, anti-static
Signal Input Interface	Video: RGB analog 0.7Vp-p/75ohm (1Vp-p with sync) Sync: H.V. Separate Sync H.V. Composite Sync (TTL Compatible) Sync on green
Synchronization	Horizontal: 30 to 110KHz for analog input Vertical: 50 to 180Hz Non-interlaced/interlaced for analog input
Connector	Signal: 15pin mini D-sub Power: 3-pole receptacle
Video Bandwidth	200MHz nominal
Nominal Display Area	396x297mm
Power Supply	90 ~ 264 Vac Universal
Power Consumption	170W max.
Power Saving	Suspend <15W OFF < 3W

Chapter 3. Controls

Setting the Timing Mode

Setting the timing mode is important for maximizing the quality of the screen image and minimizing eye strain. The **timing mode** consists of the **resolution** (example 1280 x 1024) and **refresh rate** (or vertical frequency; example 75 Hz). After setting the timing mode, use the OnView® controls to adjust the screen image.

The recommended timing mode for this monitor is:
VESA 1600 x 1200 @ 85 Hz.

To set the Timing Mode:

- 1 Set the resolution: Right-click on the Windows® desktop > **Properties** > **Settings** > Desktop Area (Screen Area for Windows 95 and newer) > set the resolution.
- 2 Set the refresh rate: See your graphic card's user guide for instructions.

NOTE: To minimize the adjustments required for an optimal screen image, select a timing mode from the **Preset Timing Modes** table below.

Preset Timing Modes

VGA 640 x 400 @ 70 Hz	VESA 1280 x 1024 @ 85 Hz
VESA 800 x 600 @ 75 Hz	VESA 1600 x 1200 @ 75 Hz
VESA 800 x 600 @ 85 Hz	VESA 1600 x 1200 @ 85 Hz
VESA 1024 x 768 @ 75 Hz	VESA 1920 x 1440 @ 75 Hz
VESA 1024 x 768 @ 85 Hz	VESA (GTF) 2048 x 1536 @ 75 Hz
VESA 1280 x 1024 @ 75 Hz	Macintosh 1152 x 870 @ 75 Hz

WARNING: Do NOT set the graphics card in your computer to exceed the maximum refresh rates; doing so may result in permanent damage to your monitor.

Timing Modes with Maximum Refresh Rates

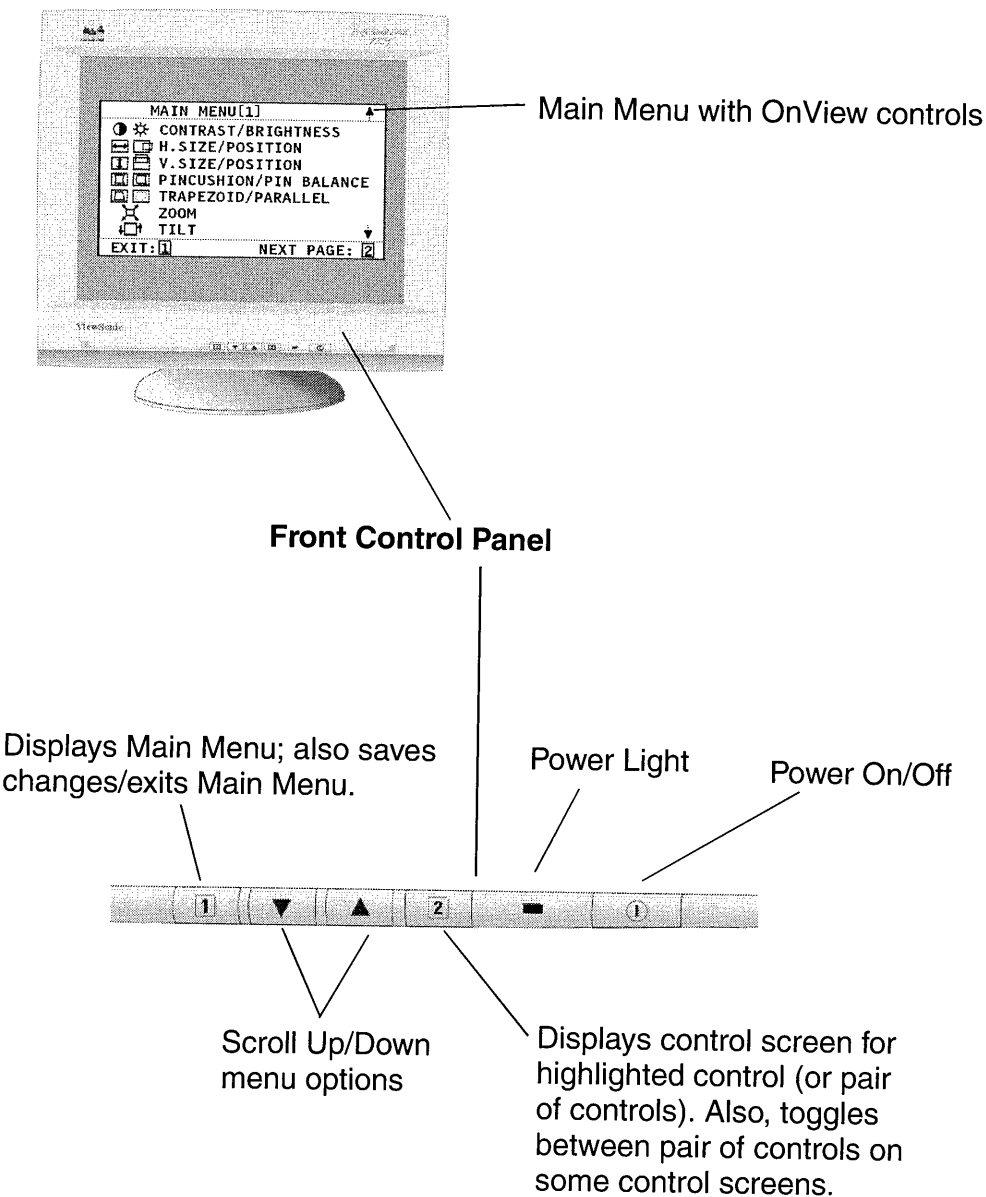
2048 x 1536 NI @ 79 Hz	1280 x 1024 NI @ 115 Hz
1920 x 1440 NI @ 84 Hz	1152 x 864 NI @ 135 Hz
1856 x 1392 NI @ 86 Hz	1024 x 768 NI @ 151 Hz
1792 x 1344 NI @ 89 Hz	800 x 600 NI @ 180 Hz
1600 x 1200 NI @ 99 Hz	640 x 480 NI @ 180 Hz

(NI = Non Interlaced)

Adjusting the Screen Image

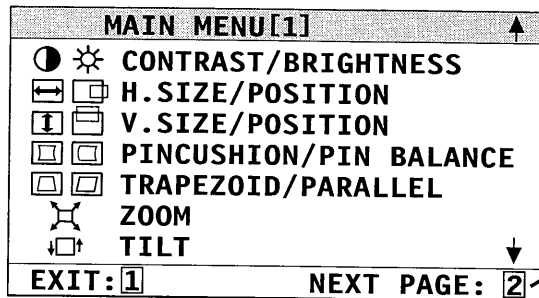
Beginning with the Main Menu shown below, use the buttons on the front control panel to adjust the OnView® controls which display on the screen. The OnView controls are explained in the four steps at the top of the next page and are further explained on pages 3-4 to 3-6.

IMPORTANT: The monitor should be warmed up for 30 minutes prior to making any adjustments.

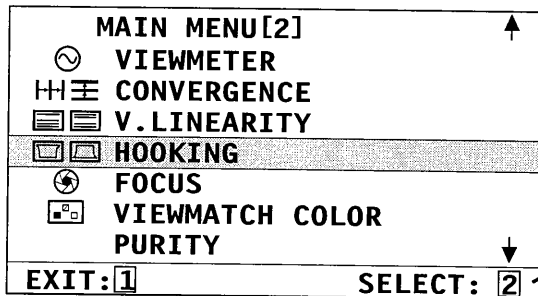


To adjust the screen image:

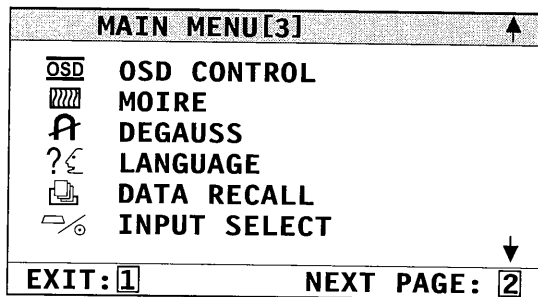
- 1 To display the Main Menu (parts 1-3 shown below), press button [1].



With Main Menu highlighted, as shown on the left, press button [2] to toggle to the next Main Menu.



With a control highlighted, button [2] displays a control screen for making adjustments.
















- 2 To select a control you want to adjust, press the arrow buttons on the front control panel of your monitor (▼▲) and scroll through the choices. When the control you want to adjust is highlighted, press button [2].

NOTE: Some controls on the Main Menu are listed in pairs, such as Contrast/Brightness. Press button [2] to toggle between control pairs after displaying a control screen.

- 3 To adjust the selected control, press the arrow buttons (▼▲).
- 4 To save the control setting and Exit the menu, press button [1] *twice*.

Main Menu Controls

The menu items shown below can be adjusted by using the arrow buttons (▲▼) on the front of your monitor.

Control	Explanation
	Contrast adjusts the difference between the image background (black level) and the foreground (white level). <i>Shortcut:</i> Before displaying the Main Menu, press ▼ or ▲ to display the Contrast/Brightness control screen.
	Brightness adjusts the background black level of the screen image.
	Horizontal Size adjusts the width of the screen image.
	Horizontal Position moves the screen image left or right.
	Vertical Size adjusts the height of the screen image.
	Vertical Position moves the screen image up or down.
	Pincushion straightens curves along the vertical edges of the screen image that bow inward or outward.
	Pin Balance straightens curves along the vertical edges of the screen image that bow in the same direction.
	Trapezoid adjusts the top and bottom of the screen image until they have equal length.
	Parallel slants the vertical edges of the screen image until they are parallel.
	Zoom expands and contracts the entire screen image.
	Tilt rotates the entire screen image.
	ViewMeter [®] displays information about the video signal coming from your computer's graphics card. This includes the refresh rate (or Vertical Frequency) and the scan rate (or Horizontal Frequency).

Control	Explanation (Continued)
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H. Convergence (Horizontal Convergence) adjusts vertical color alignment. Use this control when red or blue borders are present around the vertical segments of black letters on a white background.



V. Convergence (Vertical Convergence) adjusts horizontal color alignment. Use this control when red or blue borders are present around the horizontal segments of black letters on a white background.



V. Linear (Vertical Linearity Center) adjusts the vertical distortion at the center of the screen image.

NOTE: Vertical Linearity Center is an advanced control and should be used for setup and calibration only.



V. Linear Sym (Vertical Linearity Symmetry) minimizes the distortion (squeezing or stretching) images between the top and bottom of the screen image.

NOTE: Vertical Linearity Symmetry is an advanced control and should be used for setup and calibration only.



Top Hooking straightens the top corners of the screen image.



Bottom Hooking straightens the bottom corners of the screen image.



H. Focus (Horizontal Focus) adjusts the sharpness of the screen image in the horizontal direction.



V. Focus (Vertical Focus) adjusts the sharpness of the screen image in the vertical direction.













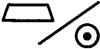
ViewMatch® Color provides several color options: three preset color temperatures and User Color, which allows you to adjust red (R), green (G), and blue (B). The factory setting for this product is 9300K (9300 Kelvin).

9300K — Adds blue to the screen image for cooler white (often used in office settings with fluorescent lighting).

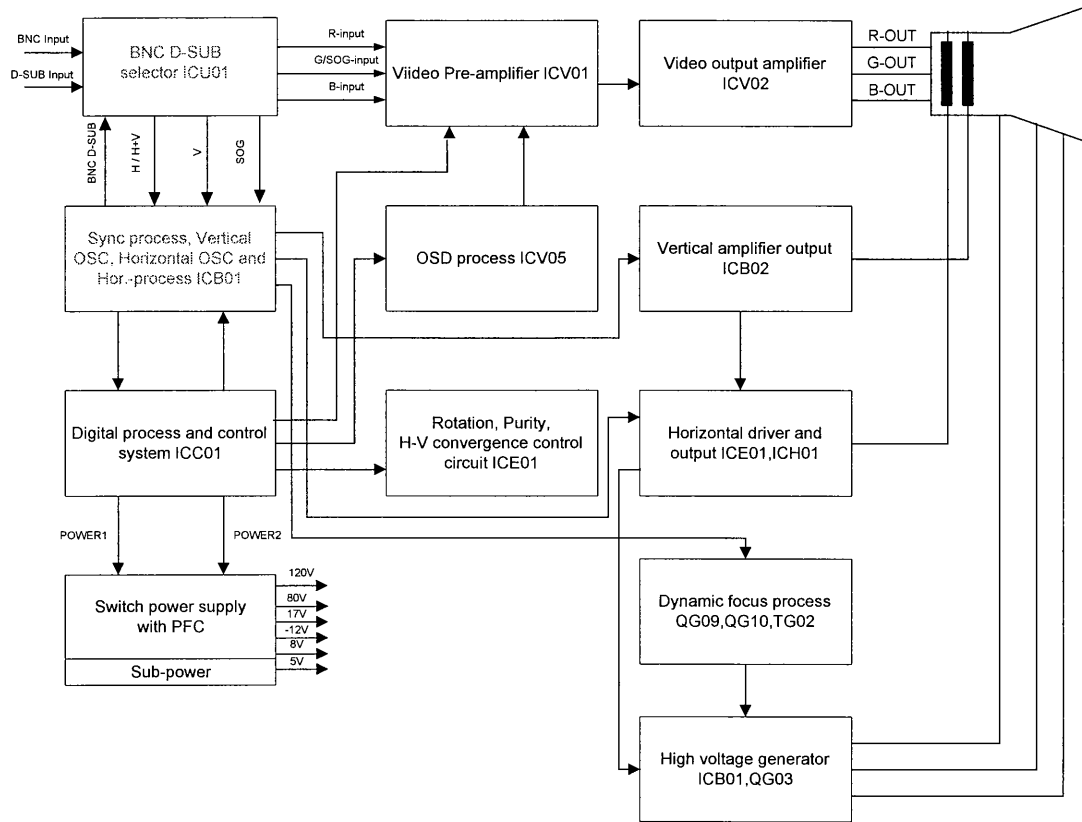
6500K — Adds red to the screen image for warmer white and richer red.

5000K — Adds blue and green to the screen image.

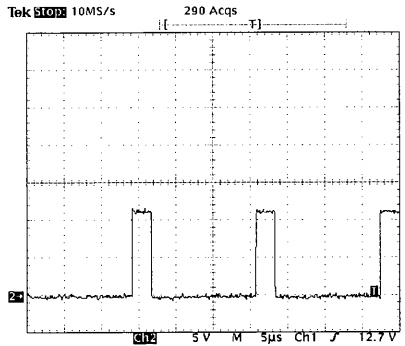
User Color — Individual adjustments for red, green, and blue.

Control	Explanation (Continued)
	<p>Purity adjusts the uneven color of the overall image. For example, if one area of a color appears darker than another area, first use the degauss feature. If color is still uneven, use the purity control.</p>
	<p>Top Left (Purity) adjusts uneven color at top left corner of screen.</p>
	<p>Top Right (Purity) adjusts uneven color at top right corner of screen.</p>
	<p>Bottom Left (Purity) adjusts uneven color at bottom left corner of screen.</p>
	<p>Bottom Right (Purity) adjusts uneven color at bottom right corner of screen.</p>
	<p>OSD Control allows you to designate the Time, Position, Color, and Appearance of the on-screen menus and control screens.</p>
	<p>Moire reduces interference patterns that appear as ripples, waves, or unwanted background color textures. Interference patterns of this type are most noticeable when viewing images having closely spaced lines or finely detailed patterns.</p>
	<p>Degauss removes the build-up of magnetic fields that can cause irregular colors to appear around the edges of screen images. Your monitor will degauss automatically each time you power it on.</p>
	<p>To degauss your monitor manually, select Degauss on the on-screen menu and press button [2].</p>
	<p>Important: <i>Do not degauss repeatedly. Doing so can be harmful to the monitor. Wait at least 20 minutes before using this control again.</i></p>
	<p>Language allows you to choose from among several languages for the menus and control screens: English, French, German, Italian, and Spanish.</p>
	<p>Data Recall returns adjustments to the original factory settings if the product is operating in a Preset Timing Modes (see the table at the bottom of page 11).</p>
	<p><i>Exception:</i> This control does not affect changes made with the User Color control.</p>
	<p>Input Select allows you to toggle between two video-signal sources (D-Sub and BNC).</p>

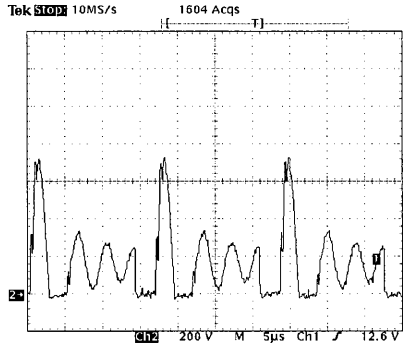
Chapter 4 Block Diagram



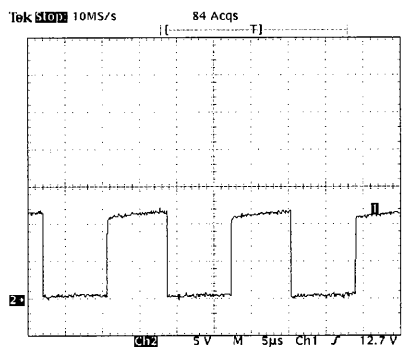
Chapter 5 Measured Waveform



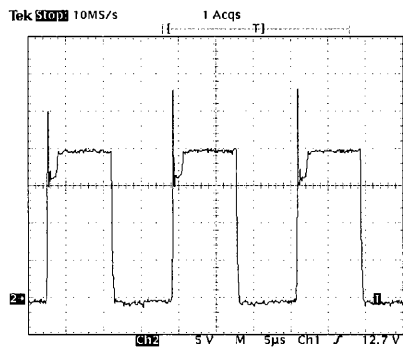
24 Jun 1997 14:06:46 **S1**



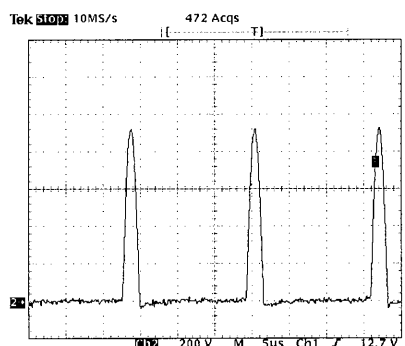
24 Jun 1997 13:57:06 **S2**



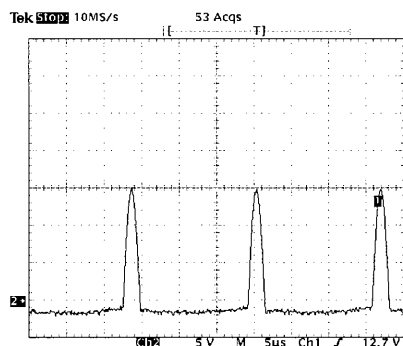
24 Jun 1997 14:05:56 **S3**



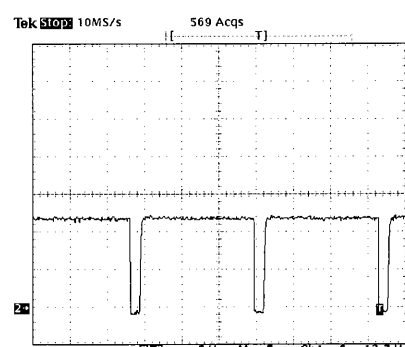
24 Jun 1997 14:02:52 **S4**



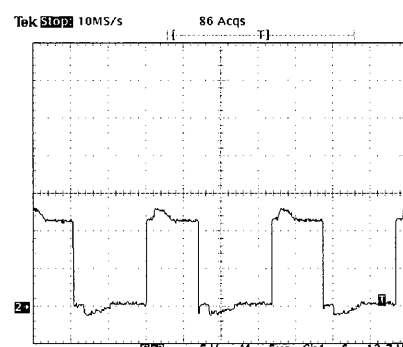
24 Jun 1997 13:58:12 **S5**



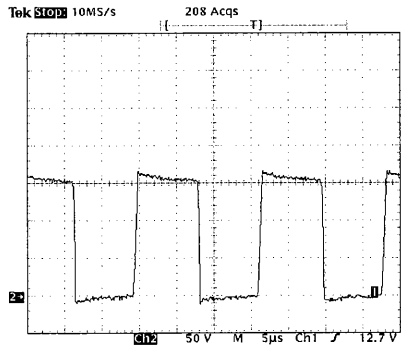
24 Jun 1997 14:07:32 **S6**



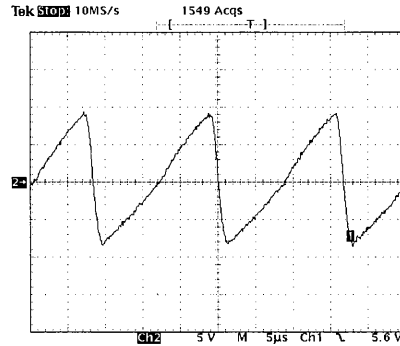
24 Jun 1997 14:04:24 **S7**



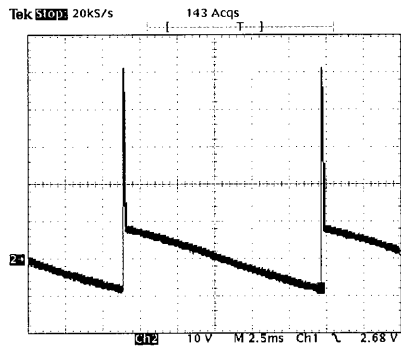
24 Jun 1997 14:05:09 **S8**



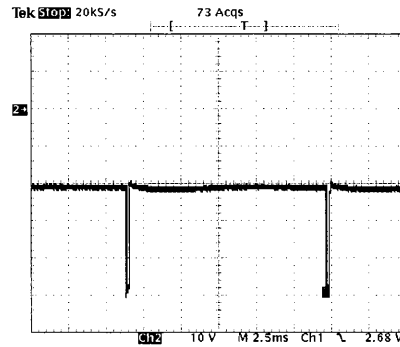
24 Jun 1997 13:59:48 S9



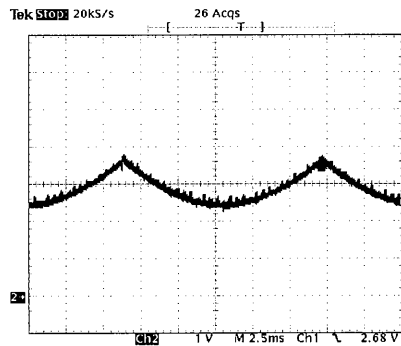
24 Jun 1997 14:19:43 S10



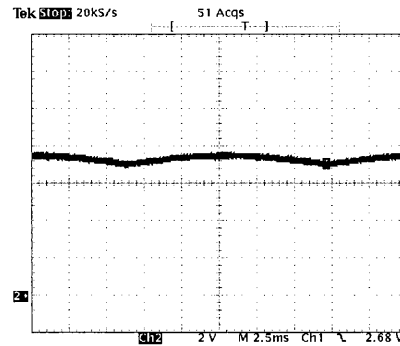
24 Jun 1997 14:11:18 S11



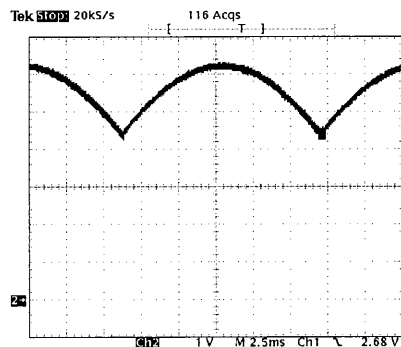
24 Jun 1997 14:12:41 S12



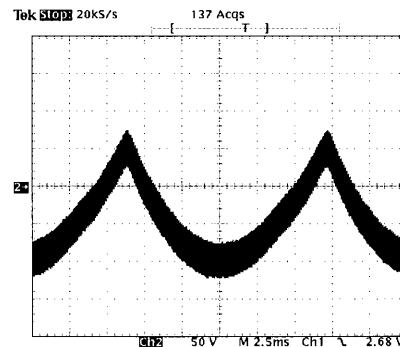
24 Jun 1997 14:15:46 S13



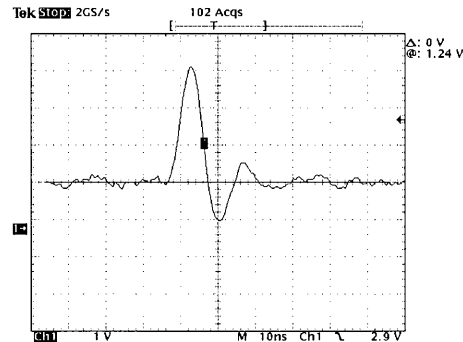
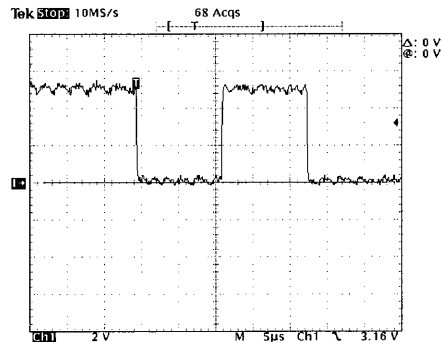
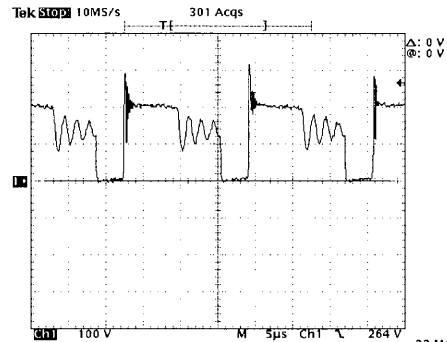
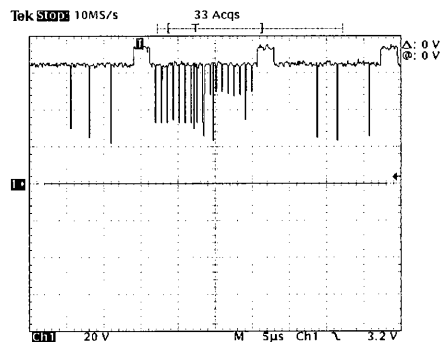
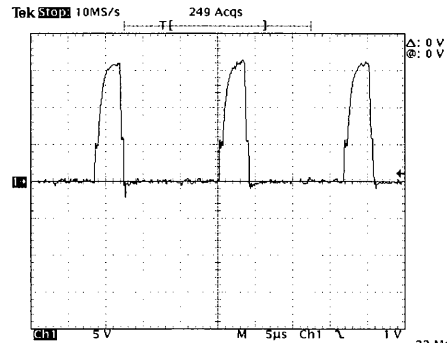
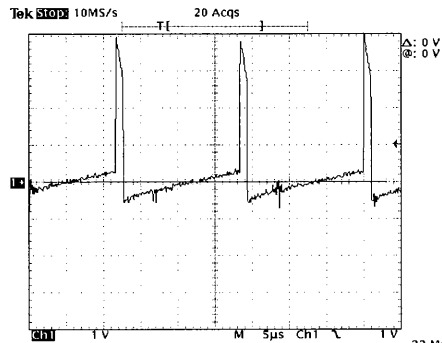
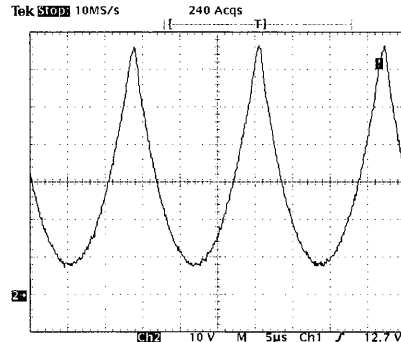
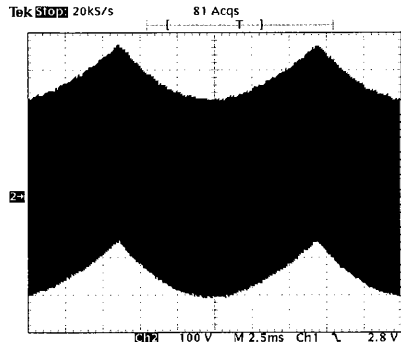
24 Jun 1997 14:16:46 S14



24 Jun 1997 14:15:00 S15

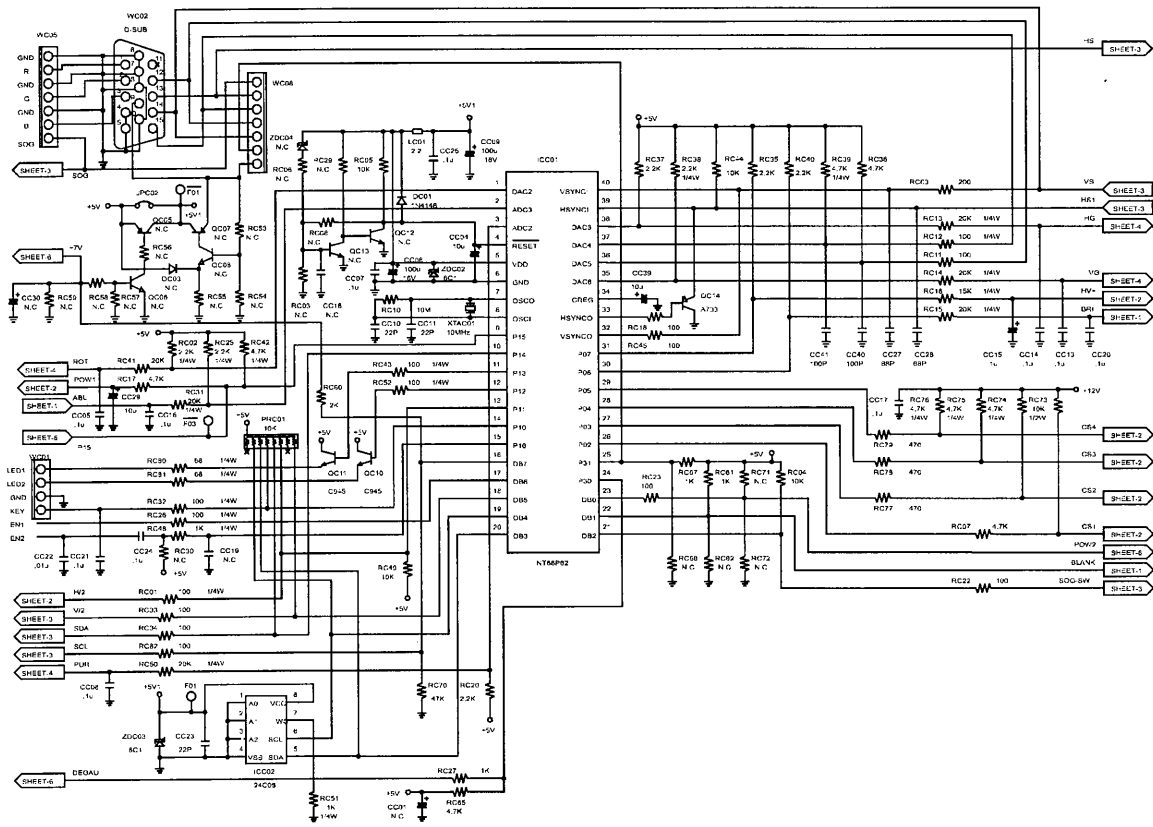


24 Jun 1997 14:13:42 S16



Chapter 6 Theory of circuit operation

6.1. Micro Controller System



The micro controller system is composed of the MCU, the serial E2PROM, the voltage monitor circuit, the encoder signal reshaping circuit.

6.1.1. The MCU (ICC01, NT68P62) mainly provides the following functions:

- 6.1.1-a. Detect the system input signals and send proper control signals via general purpose I/O pins.
- 6.1.1-b. Output 6 PWM's to adjust the voltage controlled functions such as BRIGHTNESS, TILT,...,etc.
- 6.1.1-c. Control the following characteristics of the deflection IC TDA4856 and the video pre-amp M52742 via I2C bus:

- **TDA4856:**
 1. H- SIZE,H-POSITION
 2. V-SIZE,V-POSITION
 3. PINCUSHION, PIN-BALANCE
 4. TRAPEZOID, PARALLELOGRAM
 5. H-CONVERGENCE, V-CONVERGENCE,
 6. V-LINE-CEN, V-LINE-SYM
 7. HOOKING

-
- 8. FOCUS
 - 9. MOIRE
 - 10. HD-DUTY
 - 11. Internal video clamping pulse position & width
 - **M52742:**
 - 1. Contrast, OSD Contrast
 - 2. R,G,B gain
 - 3. R.G.B. cut off
 - 6.1.1-d. Control the OSD IC D1642 via IIC bus to display the monitor status.
 - 6.1.1-e. Detect the input sync characteristics via TDA4856, identify the input timing, read the according settings in the E2PROM and then send proper controls such as CS-switch, LEDs display, Contrast, Brightness, H-Size, H-Pos, ..., etc.
 - 6.1.1-f. Set and detect the ADC input signal “KEY” of the display board to implement the keypad control.
 - 6.1.1-g. Provide the DDC1/2B/2B+ interface to PC system and auto-alignment system.

The serial E2PROM ICC02 (24LC08) reserves the non-voltage monitor parameters, factory alignment result, user adjusting result, user defined timing characteristics, ..., etc.

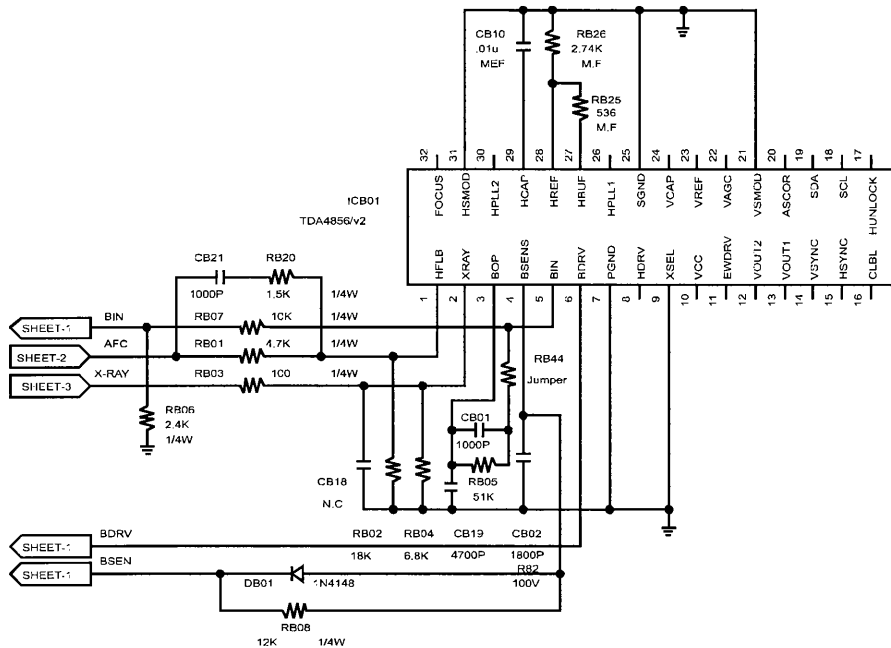
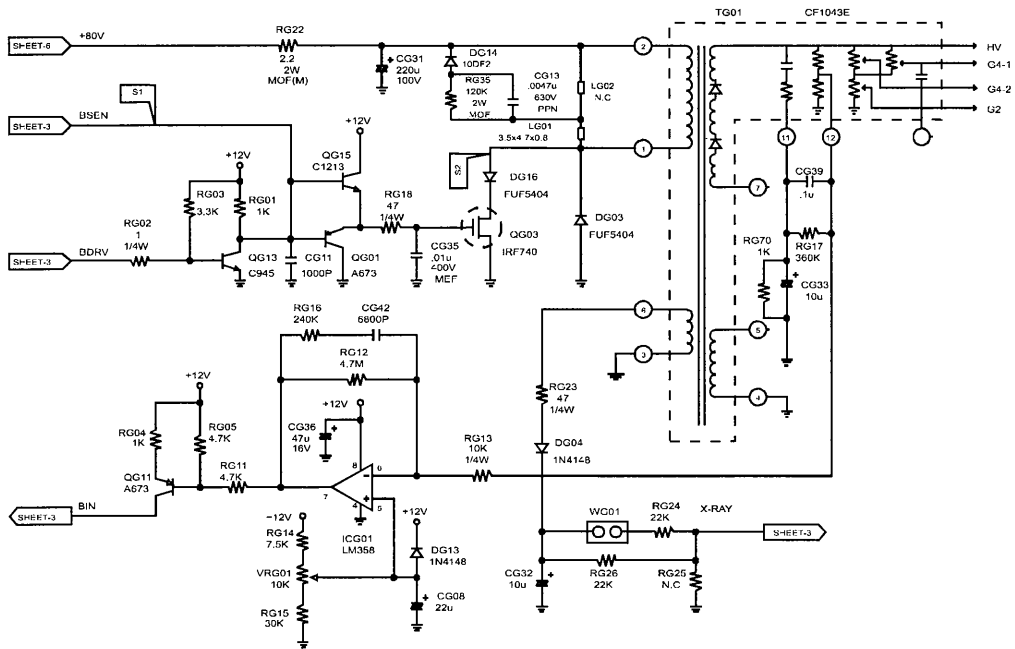
The propose of the voltage monitor circuit composed by DC01,RC05,CC04 is to keep the MCU working normal when the supply voltage is unstable. It is done by resetting the MCU while the supply voltage drops.

6.2. High Voltage Control Circuit

High Voltage Control Circuit is working basically by using switching theory with the main component ICB01 (TDA4856).

- 6.2.1. Circuit operating theory is explained as following:
 - 6.2.1-a. When Power ON and the DC level of pin6 of ICB01 (TDA4856) exceeding 0.6V, ICB01 starts to work and the oscillate frequency is synchronized to HD.
 - 6.2.1-b. When ICB01 is working normally the output square wave of pin4 **as figure S1** will turn on QG03. The ON/OFF cycle of QG03 will make the primary of FBT (pin 1 ~2) acted like a Switching Power X'FMR **as figure S2**.
 - 6.2.1-c. AFC signal **as figure S6** is feed via RB01 to synchronize the oscillator of ICB01. Then, the high voltage will be always synchronized with horizontal deflection.

6.2.1-d. Usually loading change will cause unstable condition, so a high voltage feed back system is designed to maintain the stability of the high voltage circuit. This feed back system is started from voltage sensor on the pin11 of the FBT. The sensed voltage compares with the reference voltage on pin 5 of ICG01 and the difference is amplified then feed back to ICB01 to keep the HV stable.



6.2.2. LM358 OP2 is controlled by following factors:

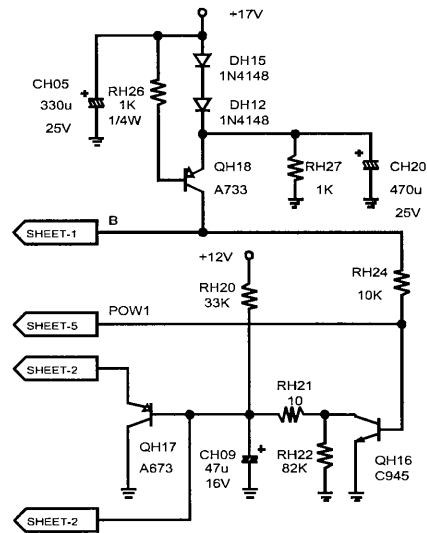
6.2.2-a. A feed back reference voltage circuit that consists of RG14, VRG01, and RG15 to adjust the high voltage.

6.2.2-b. When horizontal deflection is no function, there is no sensed current on TH02 and no voltage on CH07 (A1). Then ICG02 will pull down high voltage to protect CRT. After H-deflection circuit start to work properly, A1 voltage increases gradually and the output of ICG02 will become high to release the reference voltage of HV circuits. Then HV will raise up softly due to CG08.

6.3. X-RAY High Voltage Protection CKT

X-RAY High Voltage Protection CKT is to get a DC level voltage by utilizing the output waveform of FBT's pin6 to pin3 (GND) via a rectifier consists of DG04, CG32. This DC level voltage triggers to the pin2 (X-RAY) of ICB01 TDA4856 to stop HD output. The threshold X-RAY protection voltage is 6.4 volts. If the trigger voltage is higher than the threshold voltage, HD output on the pin8 of ICB01 will be turned off. As soon as the HD signal is off, then horizontal deflection is off and the high voltage is also off.

6.4. Soft-Start & Power Off Protection CKT & Suspend Control CKT



6.4.1. Soft-Start:

During the instant period of power on, unstable condition of horizontal deflection will easily damage components. So, Soft-Start is designed to control such an unstable condition.

When power on, during the period that 12 volts increases from 0 volts to 12 volts, the DC level of QH17 is controlled by RC Constant circuit RH20 and CH09.

QH17 controls the level at pin5 of ICH01 LM555. The width of the duty cycle at pin3 of ICH01 LM555 will be gradually increased. Until the CH09 is fully charged, QH17 keeps off.

6.4.2. Power Off Protection CKT:

In order to quickly turn off the B+ of horizontal deflection when power is off, QH18 and related ckts are used.

When power off, the 17 volts decreases and the base level of QH18 is dropped, quickly to turn the transistor ON. Then " B " signal goes high to turn OFF H-Deflection and stimulates all protection ckts.

6.4.3. Suspend Control CKT:

When entering Suspend Mode will send out a high level on POW1 to make:

6.4.3-a. QH16 is on and CH09 is discharge through QH16, then QH17 is on turns ICH01 and H-deflection B+ off. Since CH09 is discharge through QH16, the Soft-Start works when B is low level.

6.4.3-b. When H-deflection is turned off. A1 signal will shut down HV circuit as described in sec. When monitor is from suspend back to normal mode, A1 is low level B and QH16 are off. The output is back to normal when CH09 makes Soft-Start worked and ICH01 is not controlled by QH17. So, Horizontal deflection and high voltage work normally.

6.5. Video-Amplifier/On-Screen-Display

The video amplifier system consists of the Pre-Amplifier, the Video-Power-Amplifier, and the Cutoff-Voltage-Adjusting circuits.

6.5.1. The functions of the Pre-Amplifier ICV01(M52742) include:

6.5.1-a. The small signal video amplifier controlled by MCU via I2C bus for the features of contrast (main gain control), output DC level 3 sub gain controls (R-Gain, G-Gain, B-Gain), clamping pulse source (AFC) and the clamping pulse width.

6.5.1-b. The OSD mixer processes the OSD-BI, OSD-RI, OSD-GI on Pin2, 3, 4 and the OSD BKG input on Pin1 and the OSD contrast is controlled by MCU via I2C bus.

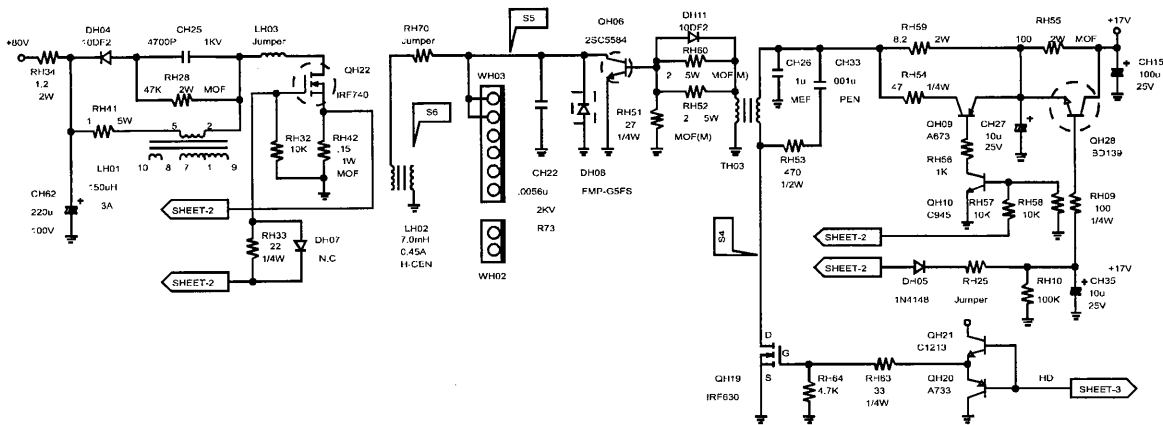
The Video-Power-Amplifier ICV02 is a 3-channel hybrid-IC which functions as a cascade type transistor amplifier to reach the high bandwidth performance.

The Cutoff-Adjusting circuit consist of ICV06, QV04, QV05, QV06 is to provide the function of dark/background white-balance control by varying the peak voltages on the CRT cathodes. (Only R, G, B guns)

ICV05 (D1642) serving as the OSD generator outputs the R, G, B, FBKG signals that contain the information by which the MCU shows the monitor's status and the user adjusting indications. The R, G, B, FBKG signals are synchronized by the horizontal and vertical deflection sync input on Pin5 and Pin10. The MCU controls the OSD via the signals SDA, SCL on pin7,8.

(the schematic diagram refer to **VIDEO Schematic Section**)

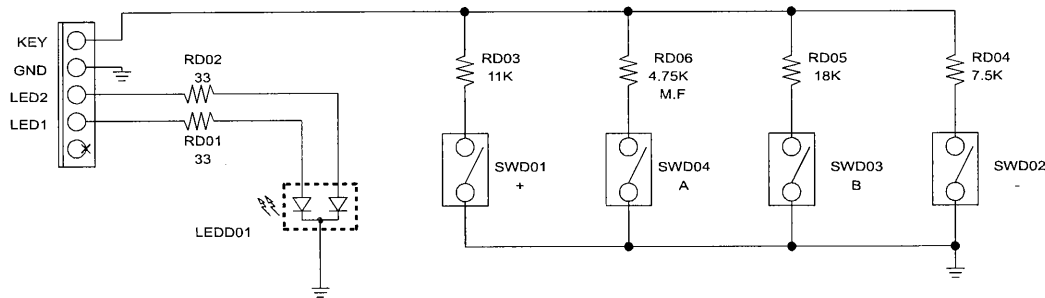
6.6. Horizontal Deflection Driving Circuit



- 6.6.1. HD signal as **figure S3** is output from pin8 of ICB01 TDA4856 and through QH20 and QH21 to drive QH19 IRF630 and TH03. **Refer to figure S4**
- 6.6.2. TH03 controls the driving current via DH05, CH35, QH28 and related circuits.
 - 6.6.2-a. ICC01 H/2 control the reference voltage via QH10.
- 6.6.3. Through above items a and utilizing TH03 to drive QH06, the LC oscillation circuit that consists of deflection coil CH22 and DH08 works. **Refer to figure S5**

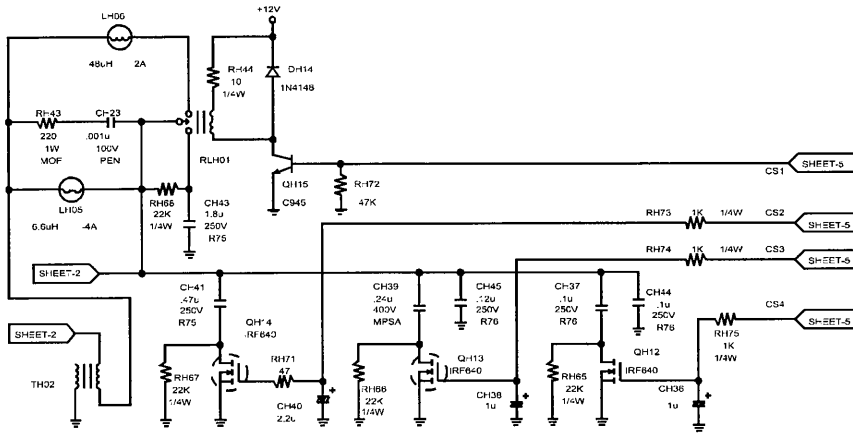
6.7. Display Circuit

The display board includes the LED driving circuit (MCU controlled by LED1 and LED2 to drive, key detecting circuit (SWD01, SWD02, SWD03, SWD04 to MCU ADC input).



- 6.8.2-c. The horizontal deflection works steadily after above 1 to 3 steps are completed.
- 6.8.2-d. ICH01 LM555 is a mono stable oscillator. In high frequency, the trigger Duty may be double triggered and makes the output frequency dropped when the trigger Duty is smaller than the output Duty width, thus there is no enough B⁺ for horizontal deflection. In order to have enough B⁺ and precise output Duty in the high frequency, QH01/QH02 output is differentiated via CH64, RH77 and RH78 and triggers QH24 to limit the output Duty at pin4 of ICH01. Refer to figure S7

6.9. Horizontal Linearity Compensation Circuit



This circuit is designed to minimize the horizontal linearity variations in different horizontal frequency. There are two parts in this circuit:

6.9.1. Inductance compensation circuit:

The main component is LH06 (Linearity coil). The compensation circuit consists of QH15.

6.9.2. Capacitance compensation circuit:

CH44 is Cs capacitors. QH13 controls CH39, QH14 controls CH41. QH12 controls CH37 ICC01 NT68P62 pin29 (CS4), pin28 (CS3), pin27(CS2) and pin26(CS1) controls QH13, QH12 and QH14 respectively. So, different frequency has different combination to meet the requirement.

For example: When frequency is 31KHz, ICC01 makes CS1~CS4 in high level. Thus, QH13 and QH15 Drain-Source is on to make the Cs capacitance equal to

$$CH45+CH44+CH39+CH41=0.082\mu\text{F}+0.1\mu\text{F}+0.39\mu\text{F}+1.2\mu\text{F}+0.15\mu\text{F}+0.082\mu\text{F}=2.004\mu\text{F}.$$

6.10. H-Size Pincushion Control CKT

H-Size & Pincushion are used to control B+ that will change the horizontal deflection amplitude. To control B⁺, the amplitude at ICH01 pin5 and the Duty width at ICH01 pin3 have to be changed. So ICH01 pin5 connects the control CKT that consists of ICG02 OP1. The reference level and waveform are mixed by ICG02 and send to ICH01 pin5.

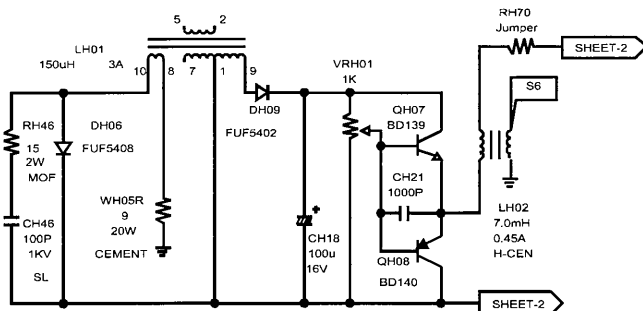
6.10.1. VRH02 is mainly to preset the H-Size of each mode, and ICC01 pin31 is to change each specified mode.

6.10.2. In the Pincushion control, a parabolic waveform *as figure S13* is from pin11 EWDRV of ICB01 TDA4854 and into ICG02 OP1 to create a output parabolic waveform. *as figure*

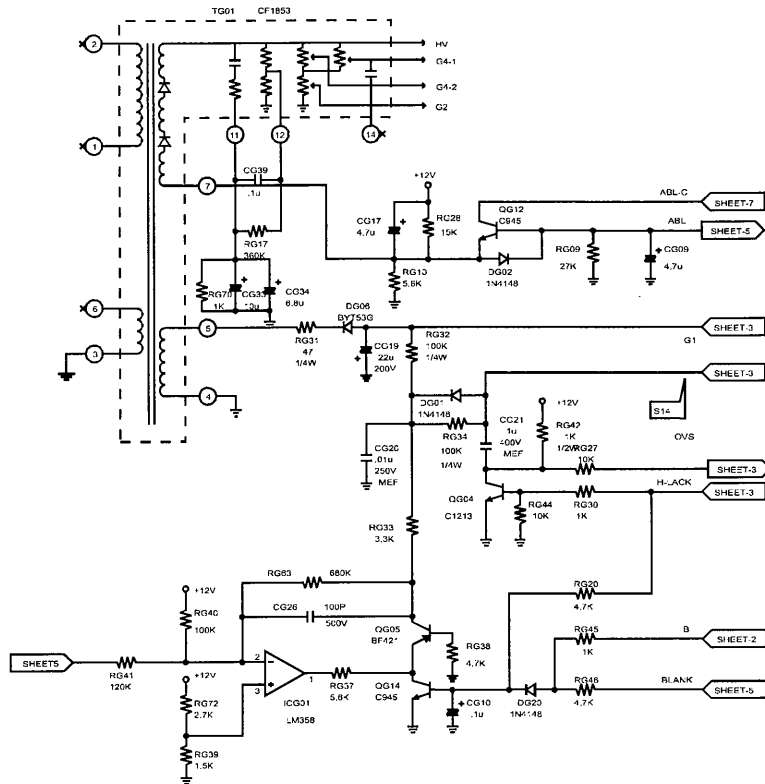
S14

6.11. H-Center Control Circuit

H-Center is designed to adjust the Raster's center position by using the secondary current of LH01. This current is rectified through DH09, CH18 and to generate a DC current that will through the adjustment of RH38, VRH01 and RH39. Finally, the current is through the emitter follower, QH07 and QH08, and into LH02 to increase and decrease the horizontal deflection current.



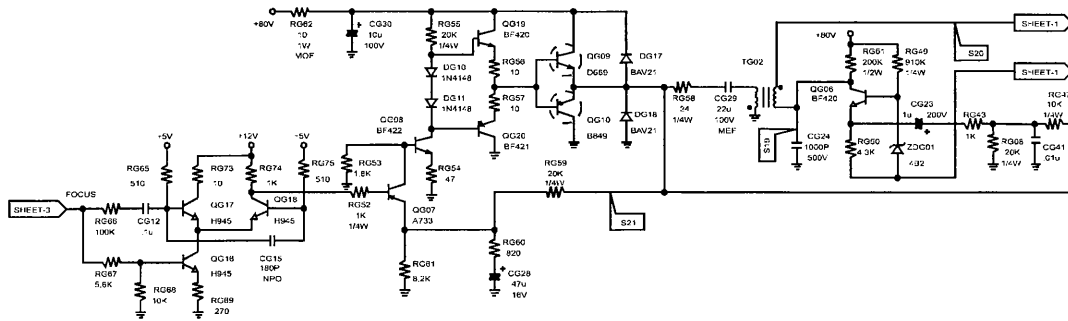
6.12. Brightness Level Reset Control CKT



Change the Brightness level by controlling the G1.

- 6.12.1. In normal working condition, the G1 waveform is synchronized with the vertical sync waveform **as figure S12**. Since the purpose is to blank the vertical flyback scanning line when vertical is flyback, so the HLACK vertical deflection waveform through RG44, QG04 is used to control it.
- 6.12.2. Brightness control is via the control at pin30 of ICC01 (NT68P62) pin30 and through the control at ICG01(LM358) OP1 and QG05 to control the DC level of G1.
- 6.12.3. When frequency is changed, the pin22 Blank of ICC01 will output a high level to RG46,DG20 to make QG14 on. In the same time, thus QG05 off and to get G1 voltage - 180V and to blank the screen. After the frequency changed, the pin22 of ICC01 will output a low Level to make QG14 OFF. In the same time, QG05 is not controlled by the pin22 of ICC01 and the Brightness control works normally.
- 6.12.4. When mode changes from power on to suspend, B will output a high level to make QG14 and QG03 on. QG05 base has positive signal to make QG05 off, to get G1 -180V and to blank the screen.

6.13. Focus CKT

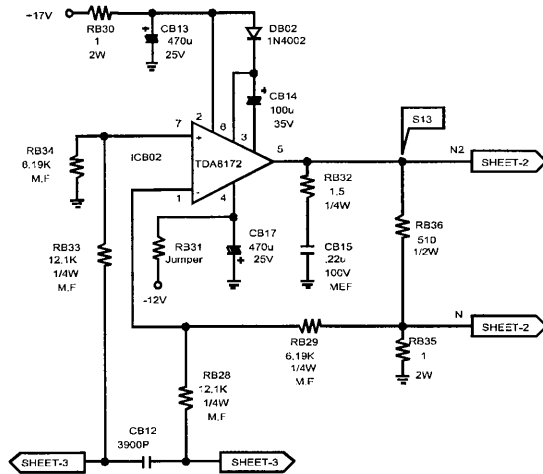


Dynamic Focus is used to get perfect focusing of each dot on the screen.

6.13.1. There are H-Focus and Focus (H and V):

- 6.13.1-a. Focus(H) **as figure S18**: ICB01 pin32(Focus) outputs a parabolic waveform and through RG52 and QG07 into QG08 to get a reverse amplified waveform. This waveform is via the emitter follower, QG09 and QG10, as a current gain then input into TG02.
- 6.13.1-b. Focus(V) **as figure S16**: ICB01 pin32 outputs a parabolic waveform. This Waveform is amplified by QG06 and input into TG02.
- 6.13.1-c. Focus (H and V) are into TG02 to get a combined output waveform that will input to FBT pin9.

6.14. Vertical Deflection CKT



- 6.14.1. Vertical deflection Saw-tooth waveform is provided by ICB01 pin12 (VOUT2) and amplified by TDA8172.
- 6.14.2. A voltage multiplier, connected to pin3 and pin6, consists of DB02 and CB21 is designed to avoid flyback scanning line appeared during the vertical flyback period.
- 6.14.3. ICB01 pin13 (VOUT1) provides a DC level to CB05, RB23, bCB06 as a V-Position control voltage. As long as pin13 DC level changed, V-Position is also changed.
- 6.14.4. Vertical Deflection Wave *as figure S11*

6.15.2. Horizontal part:

- 6.15.2-a. Wide self-locking range with 27 to 96KHz of HPLL1 to lock the HD frequency to H-sync input. The values of RB25(pin27) and CB09,RB27(pin28) decides the free run frequency(27KHz)
- 6.15.2-b. The H-phase control by MCU via I2C is also done at the HPLL1 stage.
- 6.15.2-c. The HPLL2 (pin30) locks the horizontal deflection via AFC (pin1) and provides the functions of dynamic phase controls(Pin-Balance and Parallelogram, internal) control by MCU via I2C.
- 6.15.2-d. The I2C controlled Focus of Amplitude is output on pin32 and amplified to compensate the horizontal dynamic focus.

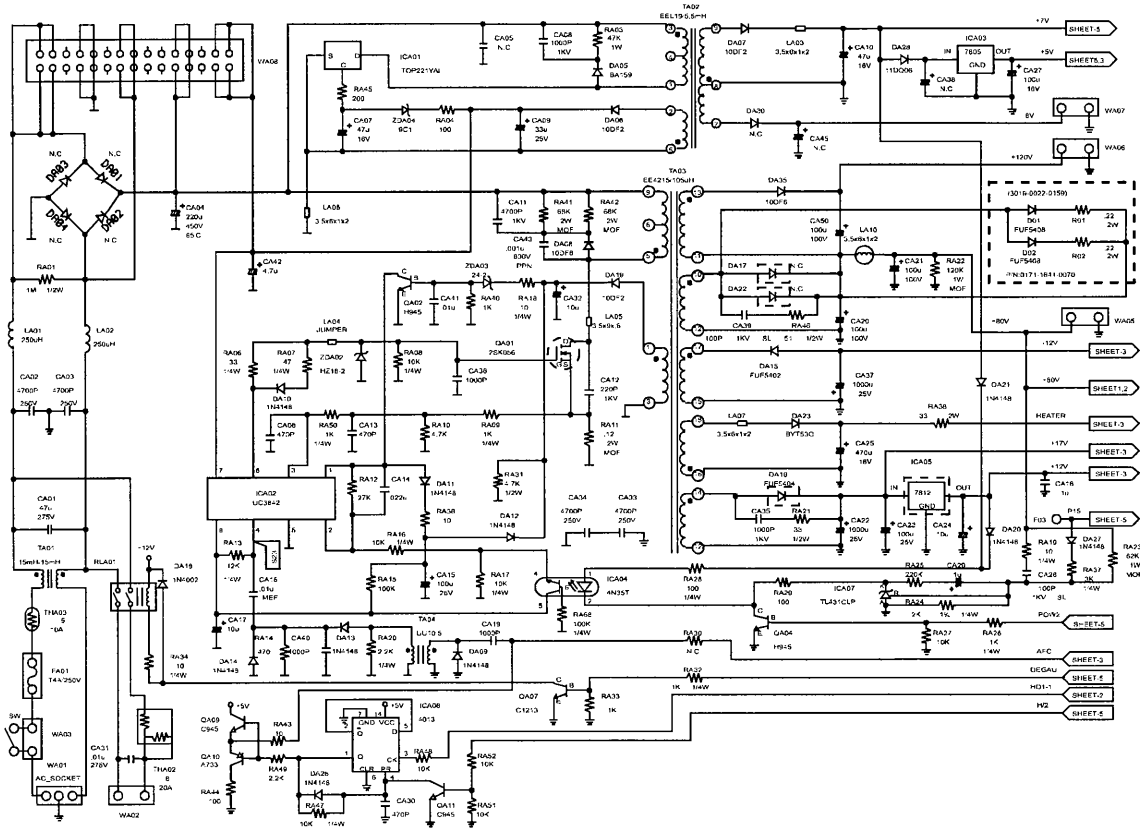
6.15.3. Vertical part:

- 6.15.3-a. The DC voltage of the V-ramp is output on pin12, 13 to ICB02 to be the reference voltage of the amplifier.
- 6.15.3-b. Vertical parabola generator with I2C controlled amplitude, keystone, S-curve and cupid-bow output on pin31 to the horizontal deflection CKT to compensate the pincushion-like distortion.
- 6.15.3-c. Focus output on pin32 to be amplified to compensate the vertical dynamic focus.
- 6.15.3-d. Internal geometry tracking with V-Pos and V-Amp.

6.15.4. Others

- 6.15.4-a. HUNLOCK status on pin17 to protect H deflection CKT.
- 6.15.4-b. X-ray protection input on pin2.

6.16. Power Supply Working Theory



ICA01 and ICA02 consist of a Current Mode Switch Power Supply and provides +80V, +70V, +5V, +17V, -12V and Heater voltage.

6.16.1-a. ICA01 and TA02 are auxiliary power source. ICA01 consists of PWM and Power MOS with an internal oscillate frequency 100KHz and combines with TA02 to provide +5V output. The +17V is through TA02 pin2 and rectified by DA07 to provide ICA02 working voltage and is fed back through ZDA02 into pin C to get a stable output voltage.

6.16.1-b. ICA02, QA01 and TA03 are main power source. ICA02 uses PWM to drive QA01 and TA03 to generate each output voltage. The output voltage is fed back via +80V to ICA07 TL431, then coupled to ICA02 pin 2 via ICA04 4N35 to make +80V stable. TA04 accepts AFC signal to make Power Supply's working frequency synchronized with the horizontal frequency.

6.16.1-c. ZDA03 and DA12 consist of the over-voltage protection circuit.

6.16.1-d. When output voltage is much higher than normal value or the feed back voltage is abnormal, in order to get protection, the output at pin9 of TA03 raises to the level that ZDA03 is on to trigger QA12 that makes ICA02 pin1 grounded.

6.17. Power Factor Correction Circuit

Power factor circuit is working for correcting the active current of AC input to reduce the harmonic current. The output voltage is limited under 400 vdc. **(the schematic diagram refer to PFC Schematic Section)**

6.17.1. ICP 01 is a controller for power factor correction pre converter. It is designed to drive a free frequency discontinuous mode of following boost converter.

The output voltage feedback to pin#1 to sense and limit the output voltage is under 400 V dc on cp10.

The zero current detection prevents any restart as long as the pin#4 voltage is below (-60 mv). This pin is also used to limit the peak current. The over current threshold is programmed by the resistor of RP08.

6.17.2. ZDP02, QQP04, QP05 and ZDP03 consist of Vcc detection circuit. In case of the monitor is turning to sleep mode, this circuit is forcing the Vcc of Icp01 under the disable voltage and make ICP01 disable.

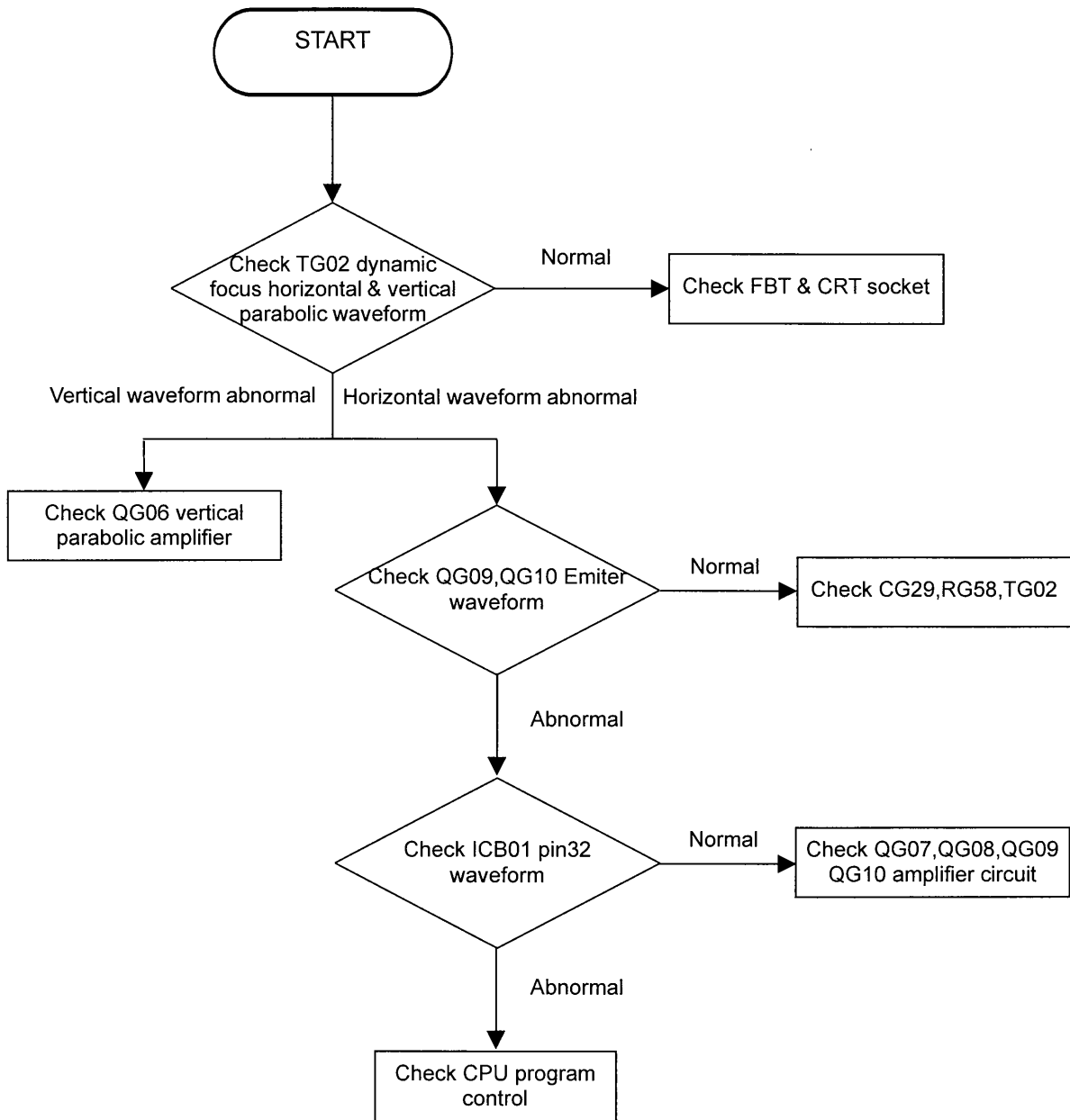
6.18. D-Sub / BNC Selector

D-Sub/BNC selector is consisted of ICU01 and QU01, ICU01 is an electrical switch. The high comes from pin#25 of ICC01 and makes pin#17 of ICU01 to be low level while D-SUB input signal is selected. If pin#17 of ICU01 is turned to high level state, the BNC input signal is selected.

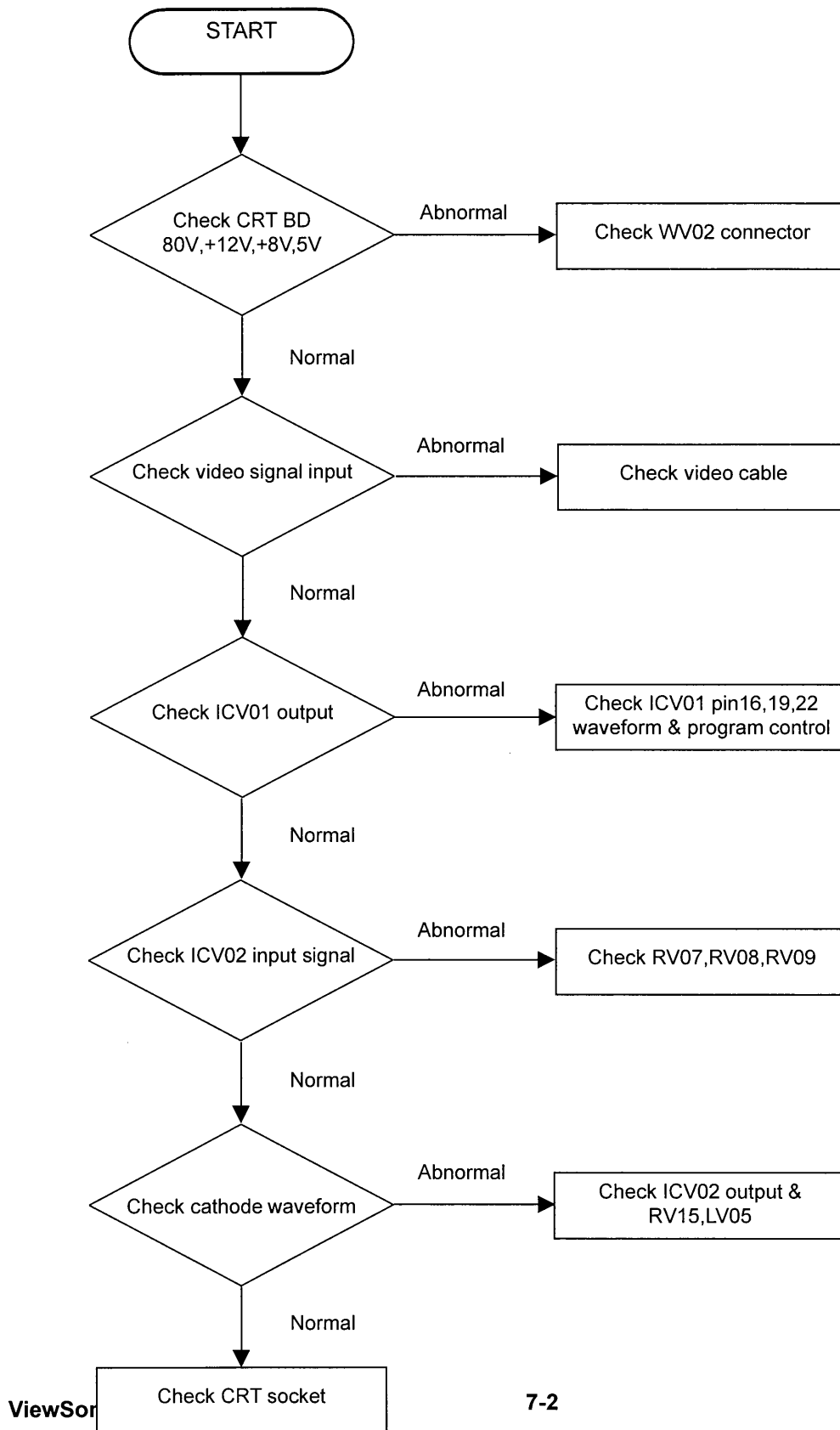
(the schematic diagram refer to BNC Schematic Section)

Chapter 7 Troubleshooting

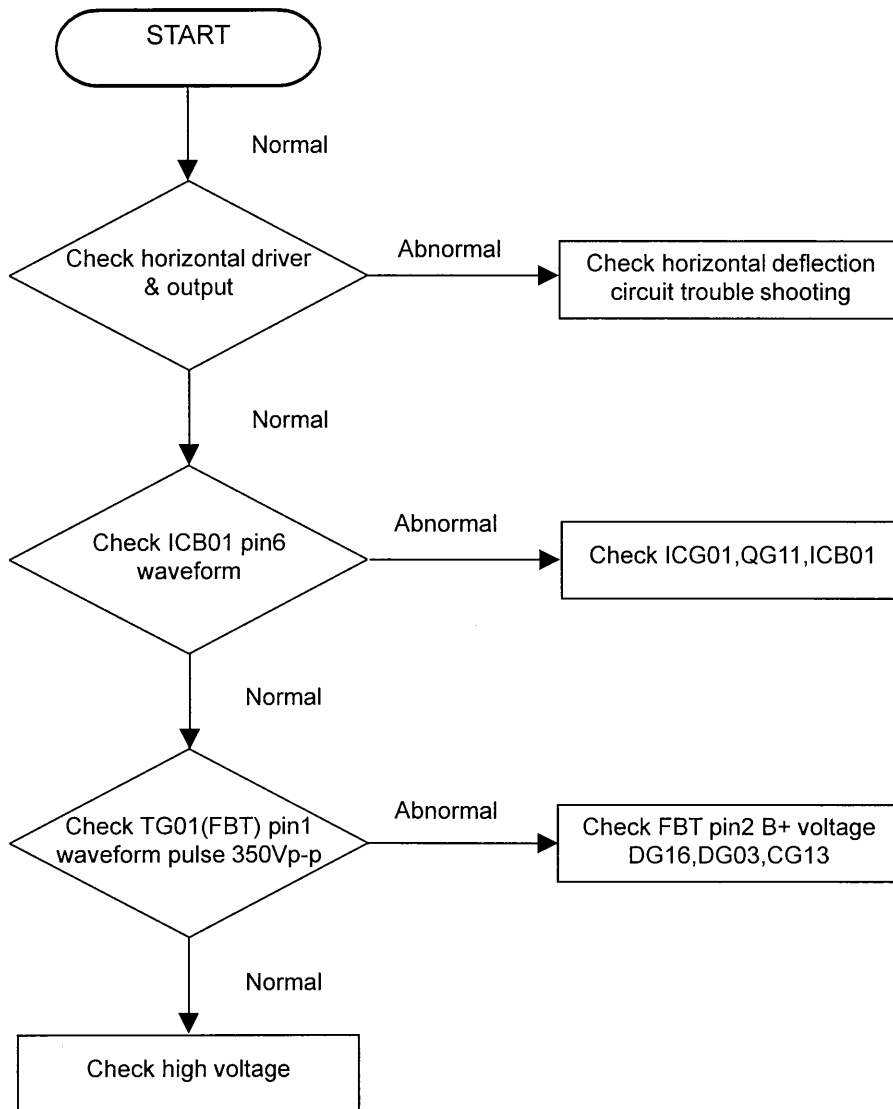
7.1. Dynamic Focus Failure



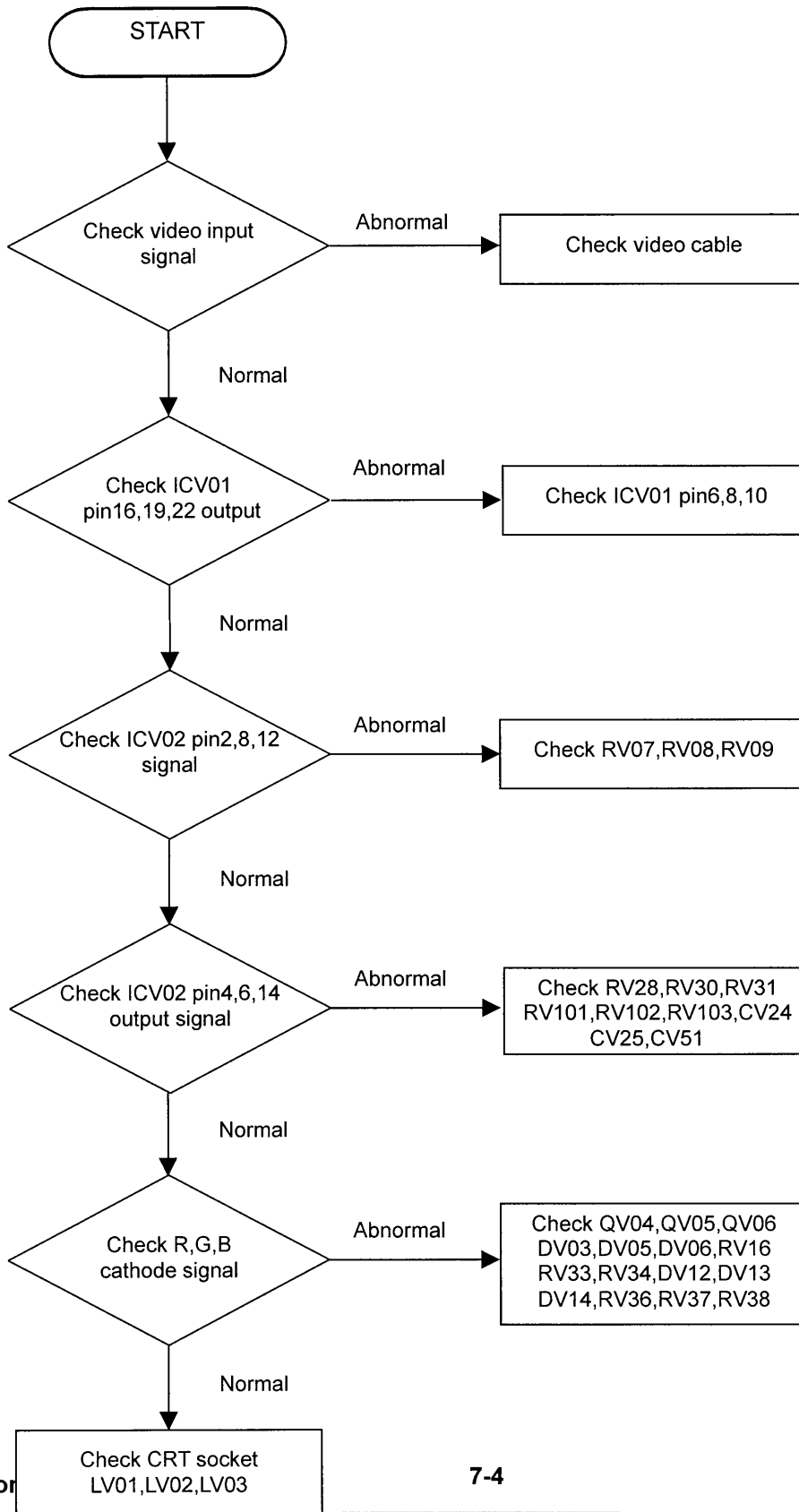
7.2. Video Does Not Appear



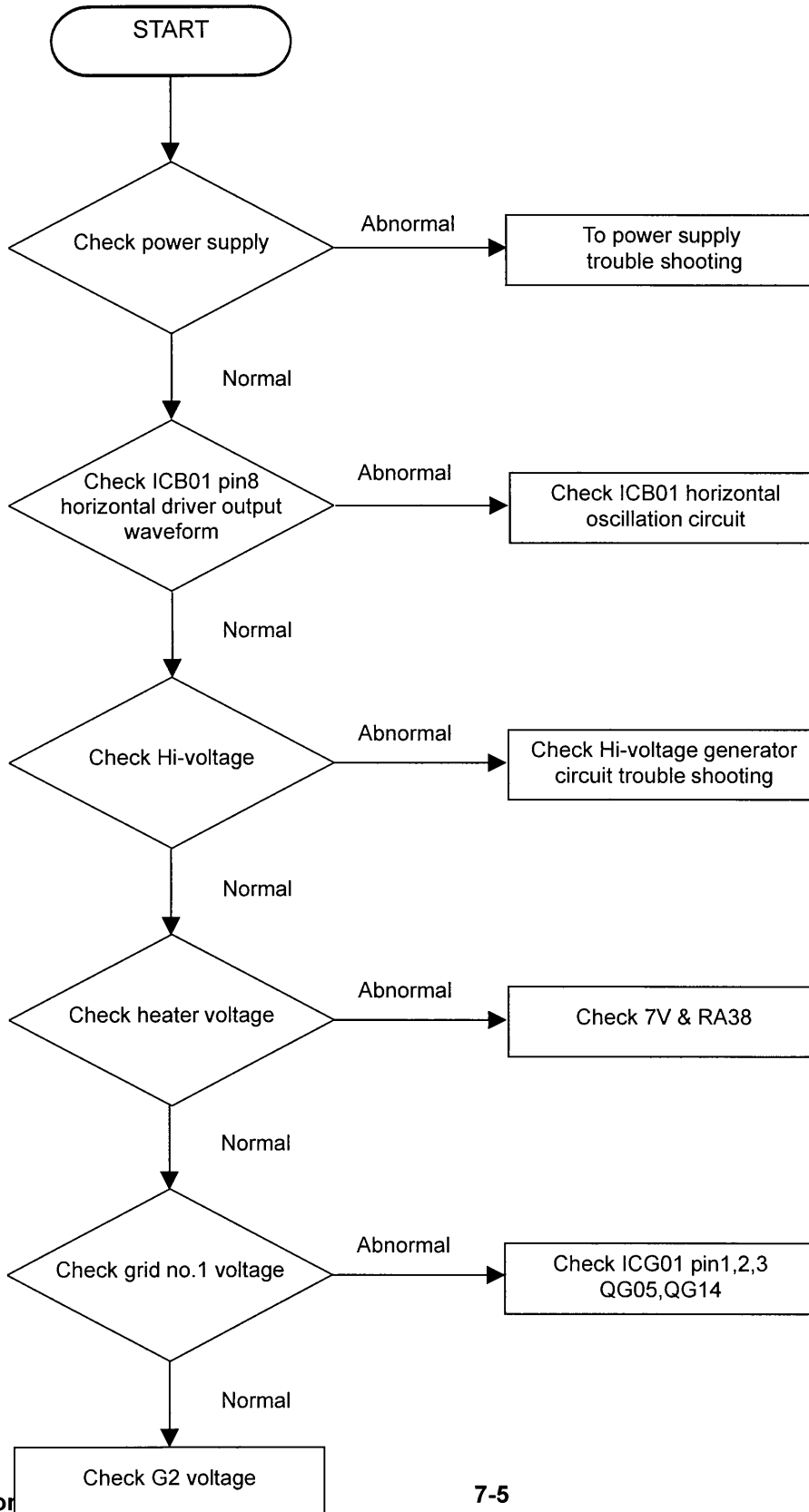
7.3. High Voltage Generator Failure



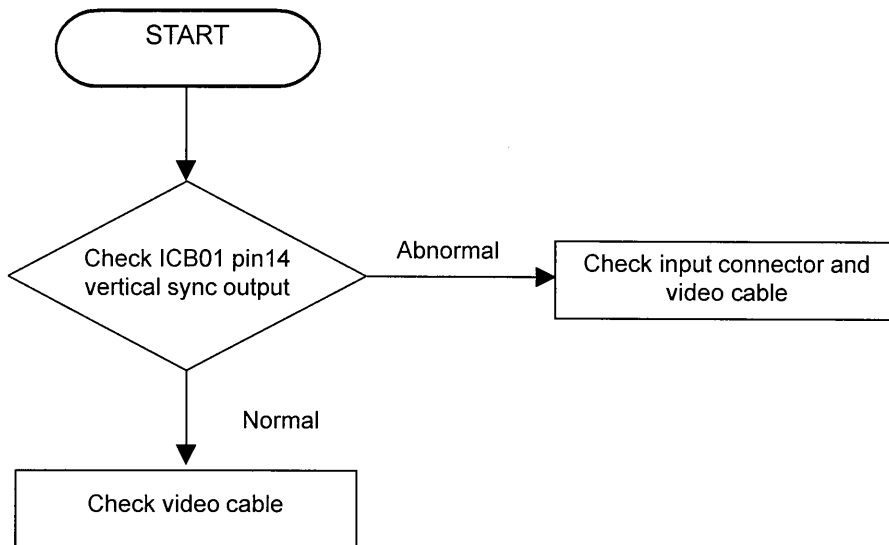
7.4. Video No R, G, B Color



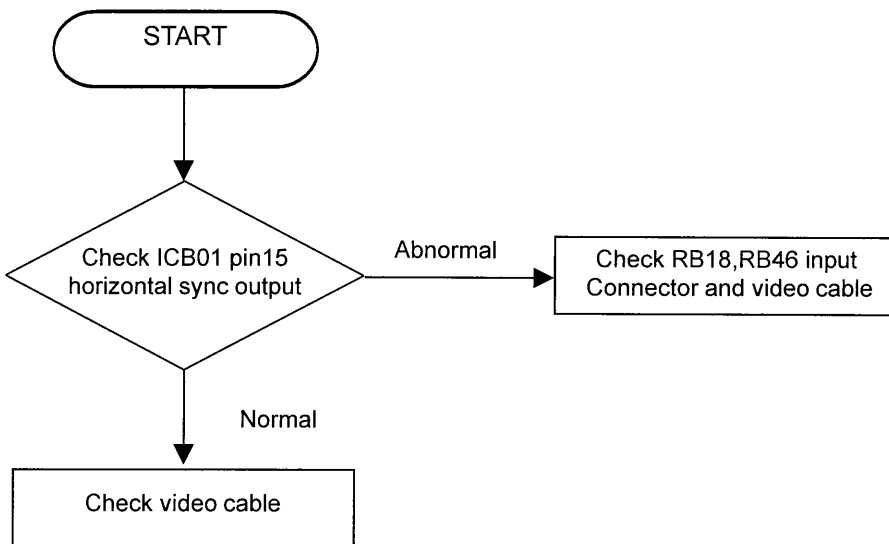
7.5. Raster Does Not Appear



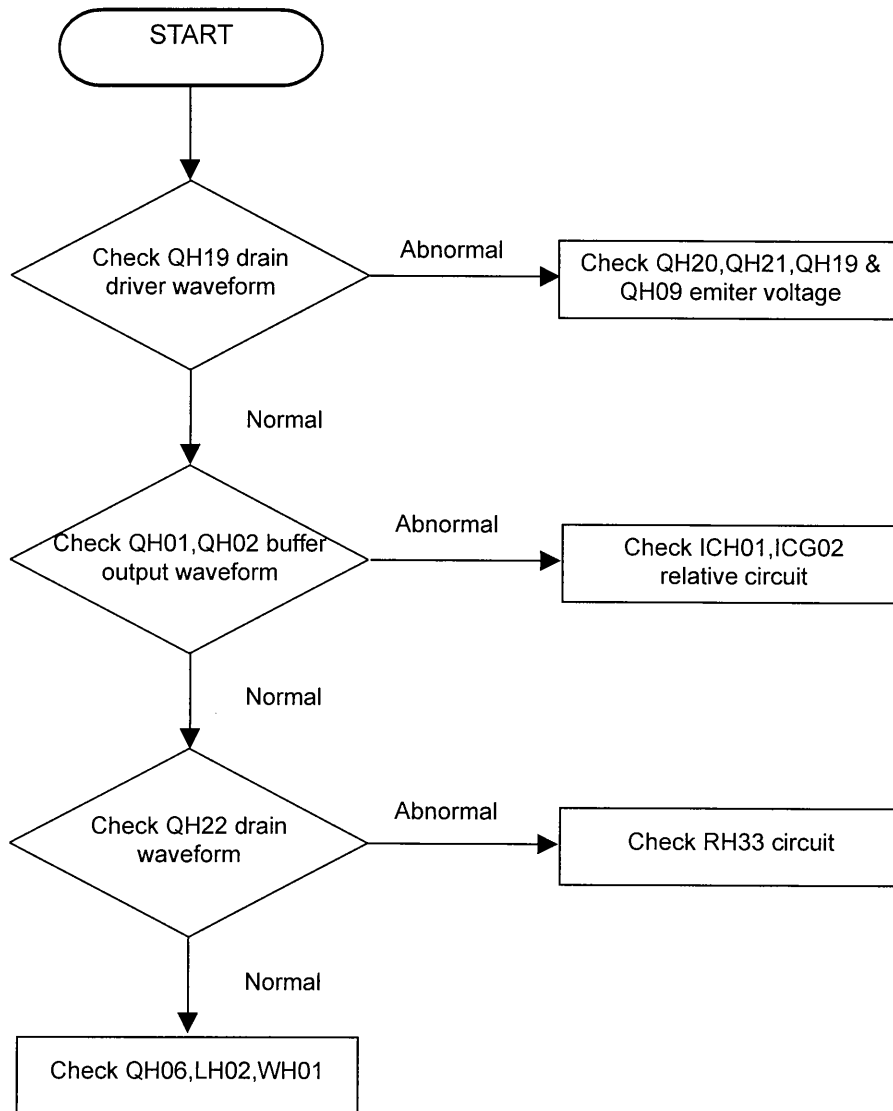
7.6. No Vertical Sync



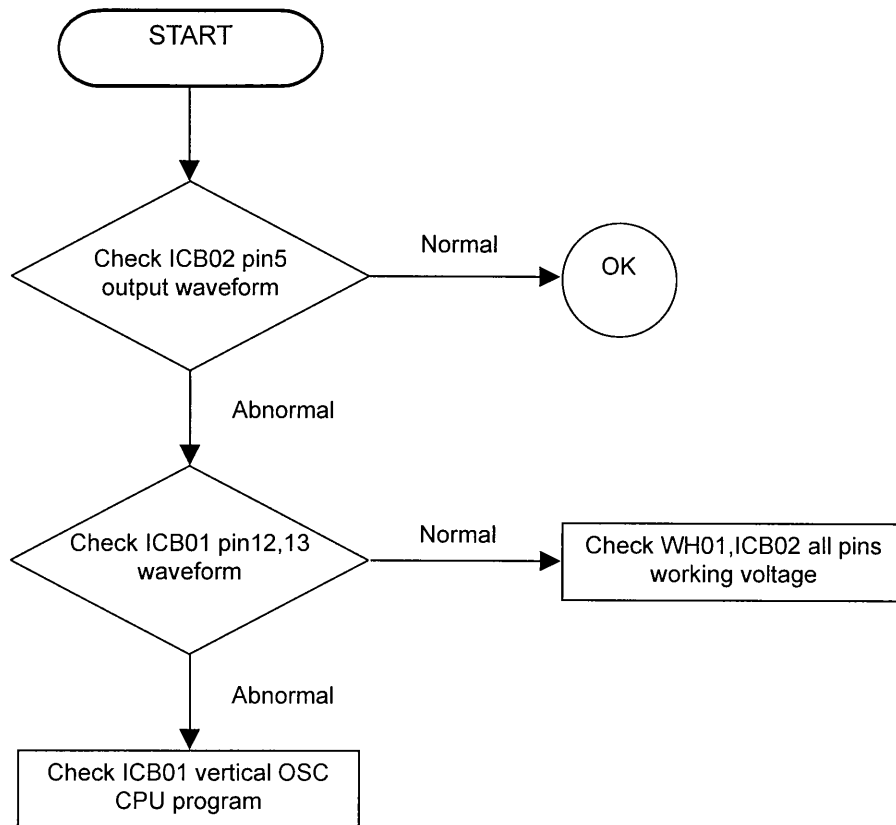
7.7. No Horizontal Sync



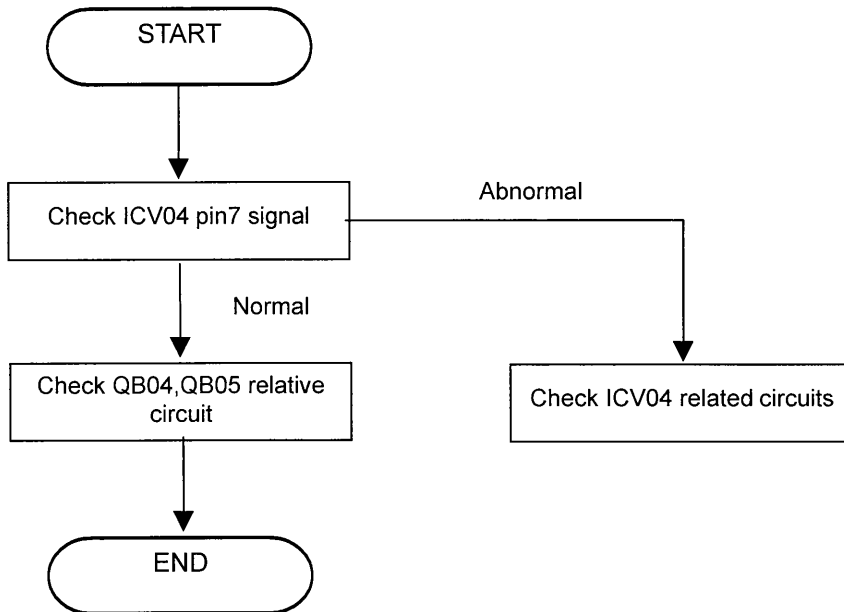
7.8. Horizontal Deflection Failure



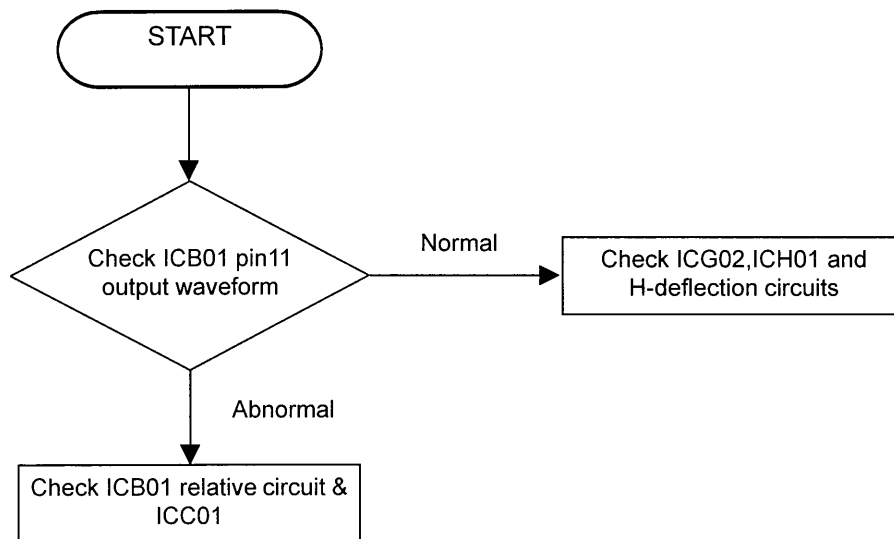
7.9. Single Horizontal Line



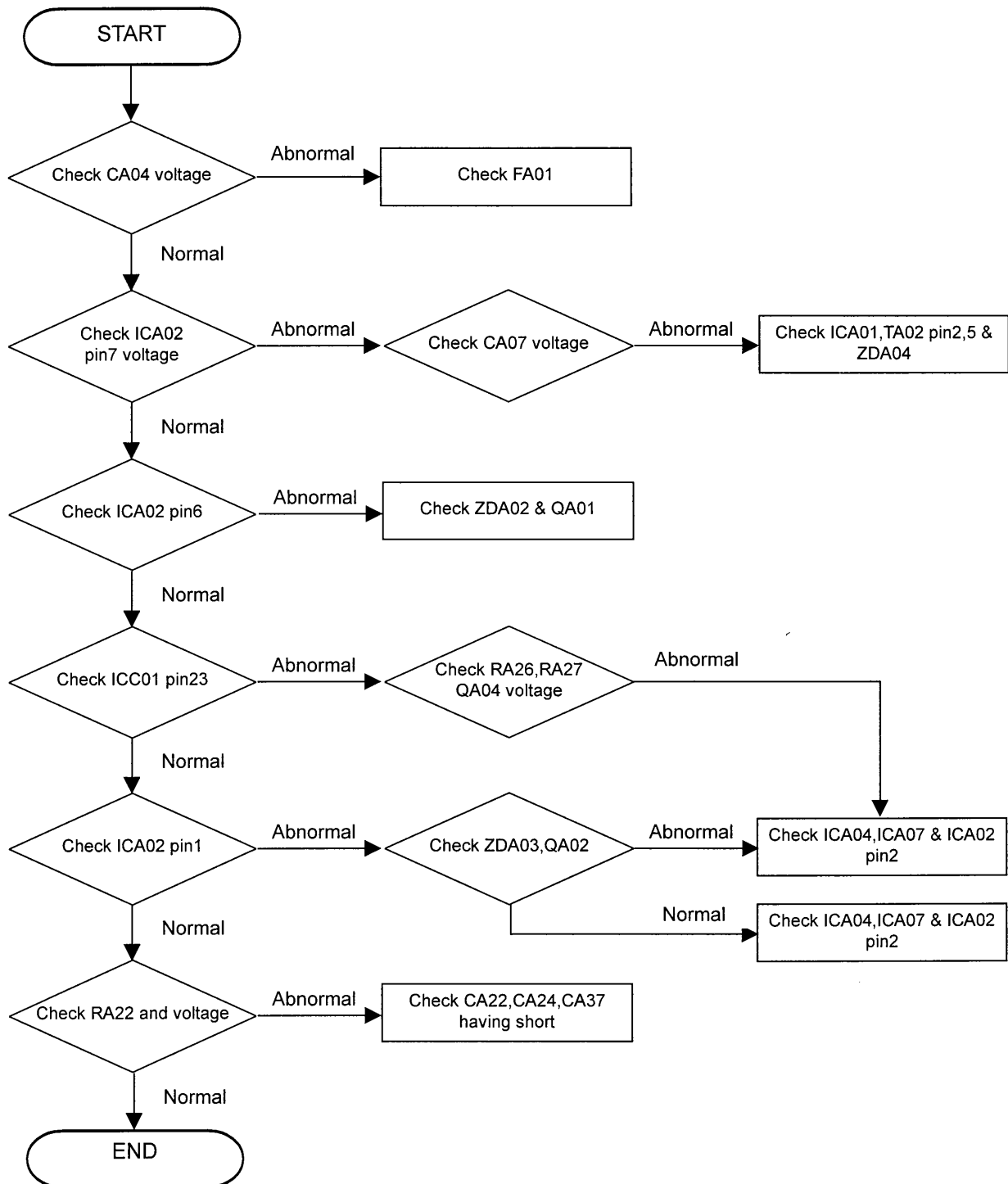
7.10. Sync On Green Does Not Work



7.11. Pincushion & Distortion



7.12.No Voltage Output



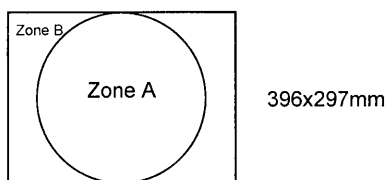
Chapter 8 Alignment Process

8.1. Factory Adjust Procedure

Input timing: 1600x1200 (H=106K, V=85Hz)

Pattern: Cross-Hatch

- 8.1.1. Turn ON the monitor with the [2] key keeping pressed for more than 4 seconds to enter the **Preset-Adjust mode**. (There should be an 'P' at the top-bottom corner of the **On-Screen-Display**).
- 8.1.2. E2PROM Initial Procedure:
 - 8.1.2-a. Use the OSD controls to enter the " **E2PROM INI** ", and toggle it (push the [2] key)
 - 8.1.2-b. Press button [1] toggle to the e2prom initial operation
 - 8.1.2-c. Press button [2] toggle to exit control
- 8.1.3. Touch Heat Sink of **DA17** to make Voltage = **80±2V**
- 8.1.4. Adjust **VRG01** to make **CRT High-Voltage = 27KV**
- 8.1.5. Preset "**640x480 @75Hz**" H-Size to 80% then adjust **VRH02** to make H-Size Full Scan
- 8.1.6. Adjust **VRH01** under **1280X1024 @75Hz** to make **H-Center** (raster) ±3 mm
- 8.1.7. Short **WG01** to make **X-Ray** Protection and Restart the monitor in **Preset-Adjust mode**
- 8.1.8. Preset "31K Pattern Cross-Hatch" check **CA04** to make voltage 190V Min.
- 8.1.9. Use the **On-Screen-Display Controls** to adjust the "**H-Position**", "**V-Size**", "**V-Position**", "**Pincushion**", "**Trapezoid**", "**Parallel**", "**P-Balance**", "**Rotation**", "**VLinr-Sym**", "**VLinr-Center**", "**Top-Hooking**", "**Bottom-Hooking**" to meet the **Spec.:**
 - H-Position: ± 1.5mm
 - V-Size: 297 ± 1.5mm
 - V-Position: ± 1.5mm
 - Pincushion: ≤ 1.5mm
 - Trapezoid: ≤ 1.5mm
 - Parallel: ≤ 1.5mm
 - P-Balance: ≤ 1.5mm
 - Rotation: ≤ 1.5mm
- 8.1.10. Jitter - Not allowed (Viewed at 45 cm)
- 8.1.11. Misconvergence -Zone A: 0.25mm; Zone B: 0.35mm



8.2. Factory Preset Data Adjust Procedure

Input timing: see attached

Pattern: Cross-Hatch

8.2.1. Turn ON the monitor with the [2] key keeping pressed for more than 4 seconds to enter the **Preset-Adjust mode**. (There should be an 'P' at the top-left corner of the **On-Screen-Display**).

8.2.2. For each timing list on attached table (except primary one <1280x1024 H=91K, V=85Hz), use the **On-Screen-Display Controls** to adjust the "H-Size", "H-Position"(video), "V-Size", "V-Position", "Pincushion", "Trapezoid", "Parallel", "P-balance", to meet the Spec.:

- H-Size: 396± 1.5mm
- H-Position: ± 1.5mm
- V-Size: 297 ± 1.5mm
- V-Position: ± 1.5mm
- Pincushion: ≤ 1.5mm
- Trapezoid: ≤ 1.5mm
- Parallel: ≤ 1.5mm
- P-Balance: ≤ 1.5mm

8.3. Color Adjust Procedure

Input timing: 1280 x 1024 (H=91K,V=85Hz)

Pattern: Center Block/Full White

8.3.1. Turn ON the monitor with the [2] key keeping pressed for more than 4 seconds to enter the **Preset-Adjust mode**. (There should be an 'P' at the top-left corner of the **On-Screen-Display**).

8.3.2. Cut Off Adjust:

8.3.2-a. Use the **OSD Controls** to adjust the "CONTRAST" to min.(00), "BRIGHTNESS" to max.(100), "SUB-BRI" to 50

8.3.2-b. Enter the "VIEWMATCH COLOR" submenu of the **OSD Control**

8.3.2-c. Select the "VIEWMATCH COLOR" and toggle it (push the Function key) to **CUTOFF**

8.3.2-d. Preset the **RED, GREEN, BLUE** to 0

8.3.2-e. Adjust the **RED, GREEN, BLUE** to obtain color temperature

X=0.283±0.010, Y=0.297±0.010

8.3.2-f. Adjust **G2 voltage** to obtain raster **BRIGHTNESS** about ≤ **0.5FL**.

8.3.3. Color Temperature Adjust:

- 8.3.3-a. Use the **OSD Controls** to adjust the "**BRIGHTNESS**" to **50**, then the "**CONTRAST**" to **100**.
- 8.3.3-b. Toggle the "**VIEWMATCH COLOR**" to **9300°K**
- 8.3.3-c. Preset the **RED, GREEN, BLUE**
- 8.3.3-d. Adjust the **RED, GREEN, BLUE** to obtain color temperature
X=0.283±0.010, Y=0.297±0.010
- 8.3.3-e. Repeat **step b, c, d** to adjust color temp. **6500K (X=0.313±0.015, Y=0.329±0.015)** and
5000°K (X=0.346±0.015, Y=0.359±0.015)

8.3.4. White Luminance Adjust

- 8.3.4-a. Center Block White Luminance:
 - Use the **OSD Controls** to adjust the "**CONTRAST**" to **100**, "**BRIGHTNESS**" to **50**, "**ABL**" to **50**
 - Toggle the "**VIEWMATCH COLOR**" to **9300°K**
 - Adjust the "**SUB-CONT**" to make the center block **37±3 FL**
- 8.3.4-b. Full White Luminance:
 - Use the **OSD Controls** to adjust the "**CONTRAST**" to **100** to, then the "**BRIGHTNESS**" to **50**
 - Toggle the "**VIEWMATCH COLOR**" to **9300°K**
 - Adjust the "**ABL**" to obtain luminance output **30±2 FL** in the full white pattern

8.3.5. Set present mode timing:

8.3.5-a. Modify timing mode MAC 1024x768 75Hz

E2PROM Address	Data	Remark
47H	05H	Timing ID
59H	46H	Timing Frequency
5AH	2CH	
5BH	88H	
5CH	26H	

8.3.5-b. Modify timing mode MAC 832x624 75Hz

E2PROM Address	Data	Remark
4EH	04H	Timing ID
75H	05H	Timing Frequency
76H	17H	
77H	88H	
78H	30H	

8.3.5-c. Set H-Sync Max Limit

E2PROM Address	Data	Remark
209H	6EH	H-Sync Max Limit
20AH	6EH	
20BH	62H	H-Sync Max Index

Chapter 9 Spare Parts List

NOTE

Rev. 2 of the P225f Service Manual does not include a Spare Parts List. See the Complete Parts List on page 11-1.

Chapter 10 Critical Parts List

NOTE

Rev. 2 of the P225f Service Manual does not include a Critical Parts List. See the Complete Parts List on page 11-1.

Chapter 11 Complete Parts List

ITEM	LOCATION	VSC PART NO.	VENDOR NO.	DESCRIPTION	QTY
1		C-BC-0302-0289	1701-0201-6030	BACK COVER P220f PC+ABS D-SUB & BNC	1
2		PL-PD-0714-0028	1701-1000-0100	PLASTIC FOOT / GL-24H	2
3		M-CV-0830-0220	1712-0300-0270	SHIELDING COVER	1
4		M-SCW-0824-0201	1724-2304-1402	SCREW,BBC,M4.0X14L,ZN-CC	8
5		P-FM-0602-0518	1925-1000-0660	POLYLON TOP LEFT (EPO) P220f,P225f	1
6		P-FM-0602-0519	1925-1000-0670	POLYLON TOP RIGHT (EPO) P220f,P225f	1
7		P-FM-0602-0520	1925-1000-0680	POLYLON BOTTOM (EPO) P220f,P225f	1
8		M-MS-0808-6125	1925-1100-0110	PE BAG 1200Lx558Wx0.06t	1
9		P-BX-0601-0544	1925-1200-1940	CARTON P225f	1
10		M-MS-0808-4677	1936-1000-0100	V.SONIC LOGO (AL. PLATE)	1
11		M-MS-0808-1898	1947-1500-1400	SPONGE 75LX75WX55T	1
12		C-BS-0303-0228	3021-0062-0301	BASE(USB) ASS'Y G7397 PC+ABS (170105054010)	1
13		B-MB-0201-0539	3022-0072-0303	CHASSIS ASS'Y P225f -E	1
		C-BS-0303-0228	3021-0062-0301	BASE(USB) ASS'Y G7397 PC+ABS (170105054010)	
14	6V01	PL-TB-0717-0083	1701-0504-3000	SWIVEL BALL G7397 PC+ABS PF775,PF790	1
15	6V02	PL-PS-0715-0118	1701-0505-4010	USB BASE G7397 ABS GS815	1
16	6V02M	PL-PD-0714-0029	1701-1000-0200	BASE FOOT 18.8X5.8T	3
17	6V03	C-BT-0304-0011	1701-0800-0160	USB BASE REAR COVER G7397	1
		B-MB-0201-0539	3022-0072-0303	CHASSIS ASS'Y P225f -E	
18		E-CRT-0409-0189	0210-0210-1255	CRT 22" M51LRY22X62 MIT. .24MM	1
19		M-SW-0815-0090	0220-2020-0261	SW PUSH BOTTOM SFDLD11E7U-AA	1
20		M-MS-0808-2060	0242-0425-1504	HEAT S-T 4.0*0.25 15MM 125'	2
21		A-PC-0106-0127	0320-3400-0010	POWER CORD 6FT 220V VDE	1
22		A-VC-0101-0205	0321-0400-0130	S.CABLE 1800mm 15(3R-3R) 3+6C/PC99 (+PIN9)	1
23		M-MS-0808-6613	0330-2200-0370	DEGAUSSING COIL 22" 6.8ohm 0.7*140Ts + CORNER PURITY	1
24		M-MS-0808-6614	0330-2200-0470	DEGAUSSING COIL 22" 6.8ohm 0.7*140Ts + CORNER PURITY	1
25		E-L-0407-1373	0333-2200-0270	PURITY COIL 22" 180ohm	1
26		M-MS-0808-6128	0460-1106-0090	WH XH6P-XH2P*2 1007#24 300MM	1
27		M-MS-0808-6138	0460-1107-0140	WH XH7P-XH7P 2919(3+4)/1354#28 210mm CORE*1	1
28		M-MS-0808-6601	0460-1203-0111	WH VHR3P UL2464#18*2C+AE 500mm	1
29		M-MS-0808-5188	0460-1210-0040	WH ECI-3960 10P/6P/3P 1015#18/22 280MM	1
30		M-MS-0808-5917	0460-1701-0400	WH SRA4.3-ELR3.8 1015#18 100mm	1
31		M-MS-0808-6603	0460-2202-0240	BRAID 0.12/112C 1015#18 1070mm	1
32		M-WR-0828-0084	1701-1400-9800	WIRE SADDLE/ YJ98	5
33		M-MS-0808-3300	1701-1401-4200	CABLE TIE (YJ-142S)	6
34		M-MS-0808-1844	1701-1500-0900	SPACER SUPPORTS/FCB-10	9
35		M-MS-0808-5194	1701-1500-1300	FBT CLIPS / HV-3	1
36		M-MS-0808-6606	1712-0100-0081	CHASSIS HOLDER	1
37		M-MS-0808-1851	1712-0100-4600	VIDEO BD BRACKET AT1097F/P795/PT771	1
38		M-MS-0808-4670	1712-0300-0030	VIDEO BD SHIELDING	1
39		M-MS-0808-5937	1712-0500-0172	BOTTOM SHIELDING AT1097FB,AT1099DB	1
40		M-MS-0808-6611	1712-0500-0530	CRT BD SHIELDING	1
41		M-MS-0808-6124	1712-0600-0011	COPPER CLAW	2
42		M-SCW-0824-0201	1724-2304-1402	SCREW,BBC,M4.0X14L,ZN-CC	6
43		M-SCW-0824-0199	1724-2603-0802	SCREW,BTCW,M3.0X8L,ZZ-CC	38
44		M-SCW-0824-0483	1724-3705-3402	SCREW BPCTW #5.0*34*WASHER@16 ZN-CC	4
45		M-MS-0808-1819	1925-1100-0402	PE BAG 360LX200WX0.04T/EUROPE	1
46		A-CD-P225F	1925-1300-1980	WIZARD CD-ROM VIEWSONIC P225f	1
47		M-MS-0808-6474	1925-1300-2330	SETUP GUIDE VIEWSONIC P225f	1
48		M-MS-0808-4721	1925-1400-0090	TCO99 ECO DOCUMENT	1
49		M-LB-0813-0539	1936-1100-2181	B/C LBL P225f	1
50		M-LB-0813-0097	1936-1500-0200	FDA WARNING LBL AT396D	1
51		M-MS-0808-5205	1947-1700-0200	AL.TAPE 230MMX50MM	4
52		M-MS-0808-6157	1947-1700-0250	INSULATOR FOR YOKE (150mm*20mm)	1
53		C-FP-0301-0769	3021-0262-0306	BEZEL ASS'Y P225f	1
54		B-SB-0221-0271	3022-0012-0118	ASS'Y BNC BD NOKIA 130C	1
55		B-MB-0201-0496	3022-0012-0150	ASS'Y MAIN/PWR/CTRL BD NOKIA 130C	1
56		B-VB-0202-0291	3022-0012-0151	VIDEO BD ASS'Y NOKIA 130C	1
57		M-MS-0808-6612	3022-0012-0319	SHIELING ASS'Y NOKIA 130C	1

ITEM	LOCATION	VSC PART NO.	VENDOR NO.	DESCRIPTION	QTY
		C-FF-0301-0769	3021-0262-0306	BEZEL ASS'Y P225f	
58		C-FF-0301-0763	1701-0104-3020	BEZEL P225f G7397 PC+ABS	1
59		PL-NB-0707-0139	1701-0402-1000	FUNCTION KNOB G7397 PF775	1
60		PL-NB-0707-0138	1701-0402-2000	POWER KNOB G7397 PF775	1
61		M-MS-0808-0041	1712-0700-0600	SPRING/PT771/P795	1
62		M-SCW-0824-0199	1724-2603-0802	SCREW,BTCW,M3.0X8L,ZZ-CC	6
63		B-SB-0221-0206	3017-0142-0156	ASS'Y DISPLAY BD PF775	1
		B-SB-0221-0271	3022-0012-0118	ASS'Y BNC BD NOKIA 130C	
64		B-SB-0221-0295	302200120118A	ASS'Y BNC BD NOKIA 130C AI	1
65		B-SB-0221-0296	302200120118M	ASS'Y BNC BD NOKIA 130C MI	1
		B-MB-0201-0496	3022-0012-0150	ASS'Y MAIN/PWR/CTRL BD NOKIA 130C	
66		B-MB-0201-0538	0174-2240-0411	PCB MAIN/PWR/CTRL BD K1 337x271x1.6t	1
67		M-MS-0808-6602	0460-1701-0540	WH 1007#24 40mm BLK	1
68		M-MS-0808-6605	1712-0100-0015	CHASSIS BRACKET FRONT	1
69		M-MS-0808-6145	1712-0100-0156	CHASSIS BRACKET LEFT	1
70		M-MS-0808-6146	1712-0100-0168	CHASSIS BRACKET RIGHT	1
71		M-MS-0808-6610	1712-0300-0280	HEAT SINK FOR EMI	1
72		M-SCW-0824-0151	1724-2603-1002	SCREW,BTCW,M3.0X10L,ZN-CC	5
73	CA01	E-C-0404-1960	0122-0474-2702	P/C X2 0.47UF 275V K B	1
74	CA02	E-C-0404-1674	0122-1472-4000	D/C Y 4700PF 400V M N-F	1
75	CA03	E-C-0404-1674	0122-1472-4000	D/C Y 4700PF 400V M N-F	1
76	CA04	E-C-0404-4160	0101-1221-4503	E/C GEN. 220UF 450V 85' S	1
77	CA05	E-C-0404-4320	0120-3103-6331	P/C PPN 0.01UF 630V J F-K	1
78	CA06	E-C-0404-1928	0111-1471-5112	C/C DISK 470PF 50V Y5P F-K	1
79	CA07	E-C-0404-1911	0101-1470-1211	E/C GEN. 47UF 16V 105' F	1
80	CA08	E-C-0404-1787	0111-1102-1312	C/C DISK 1000PF 1KV Y5P F-K	1
81	CA09	E-C-0404-3540	0101-1330-1311	E/C GEN. 33UF 25V 105' F	1
82	CA10	E-C-0404-3491	0101-1222-1212	E/C GEN. 2200UF 16V 105' K	1
83	CA11	E-C-0404-1930	0111-1472-1322	C/C DISK 4700PF 1KV Z5U F-K	1
84	CA12	E-C-0404-1925	0111-1221-1312	C/C DISK 220PF 1KV Y5P F-K	1
85	CA13	E-C-0404-1928	0111-1471-5112	C/C DISK 470PF 50V Y5P F-K	1
86	CA14	E-C-0404-3703	0111-1223-5122	C/C DISK 0.022UF 50V Z5U F-K	1
87	CA15	E-C-0404-3199	0101-1331-1211	E/C GEN. 330UF 16V 105' F	1
88	CA16	E-C-0404-1781	0120-5103-0531	P/C MEF 0.01UF 50V J F-K (T)	1
89	CA17	E-C-0404-1875	0101-1100-1511	E/C GEN. 10UF 50V 105' F	1
90	CA18	E-C-0404-1809	0111-1104-5102	C/C DISK 0.1UF 50V Y5V F-K	1
91	CA19	E-C-0404-1791	0111-1102-5112	C/C DISK 1000PF 50V Y5P F-K	1
92	CA20	E-C-0404-2162	0101-1101-2012	E/C GEN. 100UF 100V 105' K	1
93	CA21	E-C-0404-1908	0101-1221-2012	E/C GEN. 220UF 100V 105'K	1
94	CA22	E-C-0404-1897	0101-1102-1312	E/C GEN. 1000UF 25V 105' K	1
95	CA23	E-C-0404-1894	0101-1101-1311	E/C GEN. 100UF 25V 105' F	1
96	CA24	E-C-0404-1875	0101-1100-1511	E/C GEN. 10UF 50V 105' F	1
97	CA25	E-C-0404-1913	0101-1471-1211	E/C GEN. 470UF 16V 105' F	1
98	CA26	E-C-0404-4043	0111-2101-1312	C/C DISK 100PF 1KV SL F-K	1
99	CA27	E-C-0404-1892	0101-1101-1211	E/C GEN. 100UF 16V 105' F	1
100	CA28	E-C-0404-1897	0101-1102-1312	E/C GEN. 1000UF 25V 105' K	1
101	CA29	E-C-0404-1899	0101-1109-1511	E/C GEN. 1.0UF 50V 105'F	1
102	CA30	E-C-0404-1928	0111-1471-5112	C/C DISK 470PF 50V Y5P F-K	1
103	CA31	E-C-0404-1959	0122-0103-2702	P/C X2 0.01UF 275V K B	1
104	CA32	E-C-0404-1875	0101-1100-1511	E/C GEN. 10UF 50V 105' F	1
105	CA33	E-C-0404-3887	0122-1332-2522	D/C Y 3300PF 250V M B	1
106	CA34	E-C-0404-3887	0122-1332-2522	D/C Y 3300PF 250V M B	1
107	CA35	E-C-0404-1787	0111-1102-1312	C/C DISK 1000PF 1KV Y5P F-K	1
108	CA36	E-C-0404-1791	0111-1102-5112	C/C DISK 1000PF 50V Y5P F-K	1
109	CA37	E-C-0404-1897	0101-1102-1312	E/C GEN. 1000UF 25V 105' K	1
110	CA38	E-C-0404-1892	0101-1101-1211	E/C GEN. 100UF 16V 105' F	1
111	CA39	E-C-0404-4043	0111-2101-1312	C/C DISK 100PF 1KV SL F-K	1
112	CA40	E-C-0404-1791	0111-1102-5112	C/C DISK 1000PF 50V Y5P F-K	1
113	CA41	E-C-0404-1786	0111-1103-5122	C/C DISK 0.01UF 50V Z5U F-K	1
114	CA42	E-C-0404-1917	0101-1479-1511	E/C GEN. 4.7UF 50V 105' F	1
115	CA43	E-C-0404-3501	0120-3102-6331	P/C PPN 0.001UF 630V J F-K	1
116	CA50	E-C-0404-2162	0101-1101-2012	E/C GEN. 100UF 100V 105' K	1
117	CB01	E-C-0404-1791	0111-1102-5112	C/C DISK 1000PF 50V Y5P F-K	1
118	CB02	E-C-0404-4055	0121-2182-1032	P/C R82 1800PF 100V J B	1
119	CB03	E-C-0404-1785	0101-1102-1212	E/C GEN. 1000UF 16V 105'K	1
120	CB05	E-C-0404-3708	0120-5154-0531	P/C MEF 0.15UF 50V J F-K	1
121	CB06	E-C-0404-3554	0121-2823-1032	P/C R82 0.082UF 100V J B	1

ITEM	LOCATION	VSC PART NO.	VENDOR NO.	DESCRIPTION	QTY
		B-MB-0201-0496	3022-0012-0150	ASS'Y MAIN/PWR/CTRL BD NOKIA 130C	
122	CB07	E-C-0404-1953	0121-2223-1032	P/C R82 0.022UF 100V J B	1
123	CB08	E-C-0404-3553	0121-2822-1032	P/C R82 0.0082UF 100V J B	1
124	CB09	E-C-0404-3493	0101-1478-1511	E/C GEN. 0.47UF 50V 105' F	1
125	CB10	E-C-0404-1781	0120-5103-0531	P/C MEF 0.01UF 50V J F-K (T)	1
126	CB11	E-C-0404-2343	0121-2332-1032	P/C R82 3300PF 100V J B	1
127	CB12	E-C-0404-4042	0111-1332-5112	C/C DISK 3300PF 50V Y5P F-K	1
128	CB13	E-C-0404-3702	0101-1471-1311	E/C GEN. 470UF 25V 105' F	1
129	CB14	E-C-0404-3490	0101-1101-1411	E/C GEN. 100UF 35V 105' F	1
130	CB15	E-C-0404-2043	0120-5224-1031	P/C MEF 0.22UF 100V J F-K	1
131	CB16	E-C-0404-1911	0101-1470-1211	E/C GEN. 47UF 16V 105' F	1
132	CB17	E-C-0404-1897	0101-1102-1312	E/C GEN. 1000UF 25V 105' K	1
133	CB19	E-C-0404-1931	0111-1472-5112	C/C DISK 4700PF 50V Y5P F-K	1
134	CB20	E-C-0404-1931	0111-1472-5112	C/C DISK 4700PF 50V Y5P F-K	1
135	CB21	E-C-0404-1791	0111-1102-5112	C/C DISK 1000PF 50V Y5P F-K	1
136	CB22	E-C-0404-1791	0111-1102-5112	C/C DISK 1000PF 50V Y5P F-K	1
137	CB23	E-C-0404-1947	0120-5224-0531	P/C MEF 0.22UF 50V J F-K (T)	1
138	CC04	E-C-0404-1875	0101-1100-1511	E/C GEN. 10UF 50V 105' F	1
139	CC05	E-C-0404-1809	0111-1104-5102	C/C DISK 0.1UF 50V Y5V F-K	1
140	CC06	E-C-0404-1892	0101-1101-1211	E/C GEN. 100UF 16V 105' F	1
141	CC07	E-C-0404-1809	0111-1104-5102	C/C DISK 0.1UF 50V Y5V F-K	1
142	CC08	E-C-0404-1809	0111-1104-5102	C/C DISK 0.1UF 50V Y5V F-K	1
143	CC09	E-C-0404-1892	0101-1101-1211	E/C GEN. 100UF 16V 105' F	1
144	CC10	E-C-0404-1935	0111-2220-5102	C/C DISK 22PF 50V NPO F-K	1
145	CC11	E-C-0404-1935	0111-2220-5102	C/C DISK 22PF 50V NPO F-K	1
146	CC13	E-C-0404-1809	0111-1104-5102	C/C DISK 0.1UF 50V Y5V F-K	1
147	CC14	E-C-0404-1809	0111-1104-5102	C/C DISK 0.1UF 50V Y5V F-K	1
148	CC15	E-C-0404-1899	0101-1109-1511	E/C GEN. 1.0UF 50V 105'F	1
149	CC16	E-C-0404-1809	0111-1104-5102	C/C DISK 0.1UF 50V Y5V F-K	1
150	CC17	E-C-0404-1809	0111-1104-5102	C/C DISK 0.1UF 50V Y5V F-K	1
151	CC20	E-C-0404-1809	0111-1104-5102	C/C DISK 0.1UF 50V Y5V F-K	1
152	CC21	E-C-0404-1809	0111-1104-5102	C/C DISK 0.1UF 50V Y5V F-K	1
153	CC22	E-C-0404-1786	0111-1103-5122	C/C DISK 0.01UF 50V Z5U F-K	1
154	CC23	E-C-0404-1935	0111-2220-5102	C/C DISK 22PF 50V NPO F-K	1
155	CC24	E-C-0404-1809	0111-1104-5102	C/C DISK 0.1UF 50V Y5V F-K	1
156	CC25	E-C-0404-1809	0111-1104-5102	C/C DISK 0.1UF 50V Y5V F-K	1
157	CC27	E-C-0404-1790	0111-2680-5102	C/C DISK 68PF 50V NPO F-K	1
158	CC28	E-C-0404-1790	0111-2680-5102	C/C DISK 68PF 50V NPO F-K	1
159	CC29	E-C-0404-1875	0101-1100-1511	E/C GEN. 10UF 50V 105' F	1
160	CC39	E-C-0404-1875	0101-1100-1511	E/C GEN. 10UF 50V 105' F	1
161	CC40	E-C-0404-1932	0111-2101-5102	C/C DISK 100PF 50V NPO F-K	1
162	CC41	E-C-0404-1932	0111-2101-5102	C/C DISK 100PF 50V NPO F-K	1
163	CE03	E-C-0404-1786	0111-1103-5122	C/C DISK 0.01UF 50V Z5U F-K	1
164	CE04	E-C-0404-1920	0101-3109-1511	E/C N-P 1UF 50V 105' F	1
165	CE05	E-C-0404-1809	0111-1104-5102	C/C DISK 0.1UF 50V Y5V F-K	1
166	CE06	E-C-0404-1809	0111-1104-5102	C/C DISK 0.1UF 50V Y5V F-K	1
167	CE10	E-C-0404-1894	0101-1101-1311	E/C GEN. 100UF 25V 105' F	1
168	CE11	E-C-0404-1786	0111-1103-5122	C/C DISK 0.01UF 50V Z5U F-K	1
169	CE12	E-C-0404-1920	0101-3109-1511	E/C N-P 1UF 50V 105' F	1
170	CE13	E-C-0404-1786	0111-1103-5122	C/C DISK 0.01UF 50V Z5U F-K	1
171	CE14	E-C-0404-1920	0101-3109-1511	E/C N-P 1UF 50V 105' F	1
172	CE15	E-C-0404-1786	0111-1103-5122	C/C DISK 0.01UF 50V Z5U F-K	1
173	CE16	E-C-0404-1920	0101-3109-1511	E/C N-P 1UF 50V 105' F	1
174	CE18	E-C-0404-1786	0111-1103-5122	C/C DISK 0.01UF 50V Z5U F-K	1
175	CE20	E-C-0404-1892	0101-1101-1211	E/C GEN. 100UF 16V 105' F	1
176	CG01	E-C-0404-1785	0101-1102-1212	E/C GEN. 1000UF 16V 105'K	1
177	CG08	E-C-0404-3520	0101-1220-1211	E/C GEN. 22UF 16V 105' F	1
		B-MB-0201-0496	3022-0012-0150	ASS'Y MAIN/PWR/CTRL BD NOKIA 130C	
178	CG09	E-C-0404-1917	0101-1479-1511	E/C GEN. 4.7UF 50V 105' F	1
179	CG10	E-C-0404-1809	0111-1104-5102	C/C DISK 0.1UF 50V Y5V F-K	1
180	CG12	E-C-0404-4321	0120-5334-0531	P/C MEF 0.33UF 50V J F-K	1
181	CG13	E-C-0404-3501	0120-3102-6331	P/C PPN 0.001UF 630V J F-K	1
182	CG14	E-C-0404-3501	0120-3102-6331	P/C PPN 0.001UF 630V J F-K	1
183	CG17	E-C-0404-1917	0101-1479-1511	E/C GEN. 4.7UF 50V 105' F	1
184	CG19	E-C-0404-4036	0101-1220-2212	E/C GEN. 22UF 200V 105' K	1
185	CG20	E-C-0404-3549	0120-5103-2531	P/C MEF 0.01UF 250V J F-K	1
186	CG21	E-C-0404-4053	0120-5104-4031	P/C MEF 0.1UF 400V J F-K	1
187	CG23	E-C-0404-3542	0101-1479-2211	E/C GEN. 4.7UF 200V 105' F	1
188	CG24	E-C-0404-4041	0111-1102-5212	C/C DISK 1000PF 500V Y5P F-K	1

ITEM	LOCATION	VSC PART NO.	VENDOR NO.	DESCRIPTION	QTY
189	CG25	E-C-0404-3538	0101-1100-2212	E/C GEN. 10UF 200V 105' K	1
190	CG26	E-C-0404-1922	0111-1101-5212	C/C DISK 100PF 500V Y5P F-K	1
191	CG27	E-C-0404-1809	0111-1104-5102	C/C DISK 0.1UF 50V Y5V F-K	1
192	CG28	E-C-0404-1911	0101-1470-1211	E/C GEN. 47UF 16V 105' F	1
193	CG29	E-C-0404-2043	0120-5224-1031	P/C MEF 0.22UF 100V J F-K	1
194	CG30	E-C-0404-1888	0101-1100-2011	E/C GEN. 10UF 100V 105' F	1
195	CG31	E-C-0404-1908	0101-1221-2012	E/C GEN. 220UF 100V 105'K	1
196	CG32	E-C-0404-1875	0101-1100-1511	E/C GEN. 10UF 50V 105' F	1
197	CG33	E-C-0404-1875	0101-1100-1511	E/C GEN. 10UF 50V 105' F	1
198	CG34	E-C-0404-4319	0101-1689-1511	E/C GEN. 6.8uF 50V 105'F	1
199	CG36	E-C-0404-1911	0101-1470-1211	E/C GEN. 47UF 16V 105' F	1
200	CG37	E-C-0404-1966	0111-1103-5222	C/C DISK 0.01UF 500V Z5U F-K	1
201	CG38	E-C-0404-1931	0111-1472-5112	C/C DISK 4700PF 50V Y5P F-K	1
202	CG39	E-C-0404-1809	0111-1104-5102	C/C DISK 0.1UF 50V Y5V F-K	1
203	CG42	E-C-0404-1786	0111-1103-5122	C/C DISK 0.01UF 50V Z5U F-K	1
204	CH01	E-C-0404-3704	0111-2181-5102	C/C DISK 180PF 50V NPO F-K	1
205	CH03	E-C-0404-2305	0120-3102-1031	P/C PPN 0.001UF 100V J F-K	1
206	CH04	E-C-0404-1791	0111-1102-5112	C/C DISK 1000PF 50V Y5P F-K	1
207	CH05	E-C-0404-4038	0101-1331-1312	E/C GEN. 330UF 25V 105' K	1
208	CH06	E-C-0404-1928	0111-1471-5112	C/C DISK 470PF 50V Y5P F-K	1
209	CH07	E-C-0404-1781	0120-5103-0531	P/C MEF 0.01UF 50V J F-K (T)	1
210	CH08	E-C-0404-3700	0101-1100-1311	E/C GEN. 10UF 25V 105' F	1
211	CH09	E-C-0404-1911	0101-1470-1211	E/C GEN. 47UF 16V 105' F	1
212	CH10	E-C-0404-1791	0111-1102-5112	C/C DISK 1000PF 50V Y5P F-K	1
213	CH11	E-C-0404-1809	0111-1104-5102	C/C DISK 0.1UF 50V Y5V F-K	1
214	CH12	E-C-0404-1901	0101-1109-2311	E/C GEN. 1.0UF 250V 105' F	1
215	CH13	E-C-0404-1809	0111-1104-5102	C/C DISK 0.1UF 50V Y5V F-K	1
216	CH15	E-C-0404-1894	0101-1101-1311	E/C GEN. 100UF 25V 105' F	1
217	CH16	E-C-0404-1932	0111-2101-5102	C/C DISK 100PF 50V NPO F-K	1
218	CH18	E-C-0404-1892	0101-1101-1211	E/C GEN. 100UF 16V 105' F	1
219	CH20	E-C-0404-3702	0101-1471-1311	E/C GEN. 470UF 25V 105' F	1
220	CH21	E-C-0404-1791	0111-1102-5112	C/C DISK 1000PF 50V Y5P F-K	1
221	CH22	E-C-0404-4322	0121-1472-9232	P/C R73 4700PF 2KV J BOX	1
222	CH23	E-C-0404-1944	0120-2222-1031	P/C PEN 0.0022UF 100V J F-K (T)	1
223	CH25	E-C-0404-1930	0111-1472-1322	C/C DISK 4700PF 1KV Z5U F-K	1
224	CH26	E-C-0404-1937	0120-5105-0531	P/C MEF 1.0UF 50V J F-K	1
225	CH27	E-C-0404-1875	0101-1100-1511	E/C GEN. 10UF 50V 105' F	1
226	CH28	E-C-0404-1809	0111-1104-5102	C/C DISK 0.1UF 50V Y5V F-K	1
227	CH33	E-C-0404-1942	0120-2102-0531	P/C PEN 0.001UF 50V J F-K (T)	1
228	CH35	E-C-0404-1899	0101-1109-1511	E/C GEN. 1.0UF 50V 105'F	1
229	CH36	E-C-0404-1899	0101-1109-1511	E/C GEN. 1.0UF 50V 105'F	1
230	CH37	E-C-0404-4148	0121-7104-2532	P/C R76 0.1UF 250V J B	1
231	CH38	E-C-0404-1899	0101-1109-1511	E/C GEN. 1.0UF 50V 105'F	1
232	CH39	E-C-0404-4150	0121-8244-4031	P/C MP5A 0.24UF 400V J F-K	1
233	CH40	E-C-0404-3492	0101-1229-1511	E/C GEN. 2.2UF 50V 105' F	1
		B-MB-0201-0496	3022-0012-0150	ASS'Y MAIN/PWR/CTRL BD NOKIA 130C	
234	CH41	E-C-0404-4147	0121-6474-2532	P/C R75 0.47UF 250V J B	1
235	CH43	E-C-0404-4146	0121-6185-2532	P/C R75 1.8UF 250V J B	1
236	CH44	E-C-0404-4148	0121-7104-2532	P/C R76 0.1UF 250V J B	1
237	CH45	E-C-0404-4149	0121-7124-2532	P/C R76 0.12UF 250V J B	1
238	CH46	E-C-0404-4043	0111-2101-1312	C/C DISK 100PF 1KV SL F-K	1
239	CH62	E-C-0404-1908	0101-1221-2012	E/C GEN. 220UF 100V 105'K	1
240	CH64	E-C-0404-1791	0111-1102-5112	C/C DISK 1000PF 50V Y5P F-K	1
241	CH65	E-C-0404-1932	0111-2101-5102	C/C DISK 100PF 50V NPO F-K	1
242	CX01	E-C-0404-1892	0101-1101-1211	E/C GEN. 100UF 16V 105' F	1
243	CX02	E-C-0404-1809	0111-1104-5102	C/C DISK 0.1UF 50V Y5V F-K	1
244	CX03	E-C-0404-1809	0111-1104-5102	C/C DISK 0.1UF 50V Y5V F-K	1
245	CX04	E-C-0404-1809	0111-1104-5102	C/C DISK 0.1UF 50V Y5V F-K	1
246	CX05	E-C-0404-1809	0111-1104-5102	C/C DISK 0.1UF 50V Y5V F-K	1
247	CX06	E-C-0404-1809	0111-1104-5102	C/C DISK 0.1UF 50V Y5V F-K	1
248	CX07	E-C-0404-1809	0111-1104-5102	C/C DISK 0.1UF 50V Y5V F-K	1
249	CX08	E-C-0404-1809	0111-1104-5102	C/C DISK 0.1UF 50V Y5V F-K	1
250	CX09	E-C-0404-1809	0111-1104-5102	C/C DISK 0.1UF 50V Y5V F-K	1
251	CX10	E-C-0404-1809	0111-1104-5102	C/C DISK 0.1UF 50V Y5V F-K	1
252	CX11	E-C-0404-1809	0111-1104-5102	C/C DISK 0.1UF 50V Y5V F-K	1
253	CX12	E-C-0404-1809	0111-1104-5102	C/C DISK 0.1UF 50V Y5V F-K	1
254	CX13	E-C-0404-1809	0111-1104-5102	C/C DISK 0.1UF 50V Y5V F-K	1
255	DA05	E-D-0403-1145	0390-3000-4022	FAST DIODE BA159 T	1
256	DA06	E-D-0403-1296	0390-3000-1012	FAST DIODE 10DF2 T	1
257	DA07	E-D-0403-1296	0390-3000-1012	FAST DIODE 10DF2 T	1

ITEM	LOCATION	VSC PART NO.	VENDOR NO.	DESCRIPTION	QTY
258	DA08	E-D-0403-1645	0390-3002-5012	FAST DIODE 10DF6 T	1
259	DA09	E-D-0403-0531	0390-5000-1052	GEN. DIODE 1N4148 T	1
260	DA10	E-D-0403-0531	0390-5000-1052	GEN. DIODE 1N4148 T	1
261	DA11	E-D-0403-0531	0390-5000-1052	GEN. DIODE 1N4148 T	1
262	DA12	E-D-0403-0531	0390-5000-1052	GEN. DIODE 1N4148 T	1
263	DA13	E-D-0403-0531	0390-5000-1052	GEN. DIODE 1N4148 T	1
264	DA14	E-D-0403-0531	0390-5000-1052	GEN. DIODE 1N4148 T	1
265	DA15	E-D-0403-1310	0390-3002-8022	FAST DIODE FUF5402 T	1
266	DA16	E-D-0403-1250	0390-3002-9022	FAST DIODE FUF5404 T	1
267	DA16H	M-MS-0808-5939	1712-0600-0041	HEAT SINK (60L*30W*1.2T)	1
268	DA17	B-SB-0221-0246	3019-0022-0159	ASS'Y DIODE OPTION BD P95f,P220f FOR DA17	1
269	DA18	E-D-0403-1179	0390-5000-3202	GEN. DIODE 1N4002F T	1
270	DA19	E-D-0403-1296	0390-3000-1012	FAST DIODE 10DF2 T	1
271	DA20	E-D-0403-0531	0390-5000-1052	GEN. DIODE 1N4148 T	1
272	DA21	E-D-0403-0531	0390-5000-1052	GEN. DIODE 1N4148 T	1
273	DA23	E-D-0403-1251	0390-3003-2052	FAST DIODE BYT53G T	1
274	DA24	E-D-0403-0531	0390-5000-1052	GEN. DIODE 1N4148 T	1
275	DA25	E-D-0403-0531	0390-5000-1052	GEN. DIODE 1N4148 T	1
276	DA28	M-WR-0828-0088	0230-1509-0000	JUMPER WIRE 15*0.6MM	1
277	DA35	E-D-0403-1645	0390-3002-5012	FAST DIODE 10DF6 T	1
278	DB01	E-D-0403-0531	0390-5000-1052	GEN. DIODE 1N4148 T	1
279	DB02	E-D-0403-1179	0390-5000-3202	GEN. DIODE 1N4002F T	1
280	DB03	E-D-0403-0531	0390-5000-1052	GEN. DIODE 1N4148 T	1
281	DB10	E-D-0403-0531	0390-5000-1052	GEN. DIODE 1N4148 T	1
282	DC01	E-D-0403-0531	0390-5000-1052	GEN. DIODE 1N4148 T	1
283	DG01	E-D-0403-0531	0390-5000-1052	GEN. DIODE 1N4148 T	1
284	DG02	E-D-0403-0531	0390-5000-1052	GEN. DIODE 1N4148 T	1
285	DG03	E-D-0403-1250	0390-3002-9022	FAST DIODE FUF5404 T	1
286	DG04	E-D-0403-0531	0390-5000-1052	GEN. DIODE 1N4148 T	1
287	DG05	E-D-0403-1296	0390-3000-1012	FAST DIODE 10DF2 T	1
288	DG06	E-D-0403-1251	0390-3003-2052	FAST DIODE BYT53G T	1
289	DG10	E-D-0403-0531	0390-5000-1052	GEN. DIODE 1N4148 T	1
		B-MB-0201-0496	3022-0012-0150	ASS'Y MAIN/PWR/CTRL BD NOKIA 130C	
290	DG11	E-D-0403-0531	0390-5000-1052	GEN. DIODE 1N4148 T	1
291	DG12	E-D-0403-0531	0390-5000-1052	GEN. DIODE 1N4148 T	1
292	DG13	E-D-0403-0531	0390-5000-1052	GEN. DIODE 1N4148 T	1
293	DG14	E-D-0403-1296	0390-3000-1012	FAST DIODE 10DF2 T	1
294	DG16	E-D-0403-1250	0390-3002-9022	FAST DIODE FUF5404 T	1
295	DG17	E-D-0403-1255	0390-5000-9132	GEN. DIODE BAV21 T	1
296	DG18	E-D-0403-1255	0390-5000-9132	GEN. DIODE BAV21 T	1
297	DG20	E-D-0403-0531	0390-5000-1052	GEN. DIODE 1N4148 T	1
298	DH01	E-D-0403-0531	0390-5000-1052	GEN. DIODE 1N4148 T	1
299	DH02	E-D-0403-0531	0390-5000-1052	GEN. DIODE 1N4148 T	1
300	DH03	E-D-0403-0531	0390-5000-1052	GEN. DIODE 1N4148 T	1
301	DH04	E-D-0403-1296	0390-3000-1012	FAST DIODE 10DF2 T	1
302	DH05	E-D-0403-0531	0390-5000-1052	GEN. DIODE 1N4148 T	1
303	DH06	E-D-0403-1230	0390-3004-8022	FAST DIODE FUF5408 T	1
304	DH08	E-D-0403-1285	0390-2000-2180	DAMPER DIODE FMP-G5FS N-F	1
305	DH08S	M-SCW-0824-0195	1724-1703-0802	SCREW,PB,M3.0X8L,ZN-CC	1
306	DH09	E-D-0403-1310	0390-3002-8022	FAST DIODE FUF5402 T	1
307	DH11	E-D-0403-0910	0390-6000-1012	SCHOTTKY DIODE 11DQ06 T	1
308	DH12	E-D-0403-0531	0390-5000-1052	GEN. DIODE 1N4148 T	1
309	DH13	E-D-0403-0531	0390-5000-1052	GEN. DIODE 1N4148 T	1
310	DH14	E-D-0403-0531	0390-5000-1052	GEN. DIODE 1N4148 T	1
311	DH15	E-D-0403-0531	0390-5000-1052	GEN. DIODE 1N4148 T	1
312	FA01	E-FS-0410-0092	0180-3502-5208	FUSE T-L 250V 5A 5*20mm (GLASS)	1
313	FA011	M-MS-0808-2834	0190-0000-0010	FUSE CLIP 5*20MM	2
314	FG01	E-L-0407-0555	0370-0000-0710	FERRITE CORE RH 16X17X9	1
315	FG02	E-L-0407-0554	0370-0000-0510	FERRITE CORE 17.5X28.5X9.5	1
316	FG02C	M-WR-0828-0084	1701-1400-9800	WIRE SADDLE/ YJ98	1
317	G01	M-MS-0808-4651	0460-2001-0092	WH 1015#18 320MM BLACK T/C	1
318	G11	M-MS-0808-5918	0460-2001-0240	WH 1015#18 60MM BLACK	1
319	ICA01	E-IC-0401-0971	0430-4004-0230	IC TOP221Y TO-220 3PIN	1
320	ICA02	E-IC-0401-0309	0430-7000-3107	IC UC3842N DIP-8 PIN	1
321	ICA03	E-IC-0401-0906	0430-6000-3210	IC MC7805CT TO-220 3 PIN	1
322	ICA04	E-IC-0401-0952	0430-7000-1110	IC 4N35 DIP 6PIN	1
323	ICA05	E-IC-0401-0350	0430-6000-5207	IC LM7812 TO-220 3 PIN	1
324	ICA05H	M-MS-0808-1804	1712-0400-1400	HEAT SINK (23.5WX16.5TX25H)	1
325	ICA05S	M-SCW-0824-0150	1724-2603-0602	SCREW,BTCW,M3.0X6L,ZN-CC	1
326	ICA06	E-IC-0401-0978	0430-0000-2110	IC MC14013BCP DIP-14	1

ITEM	LOCATION	VSC PART NO.	VENDOR NO.	DESCRIPTION	QTY
327	ICA07	E-IC-0401-1212	0430-6000-4310	IC TL431CLP TO-92 3PIN T	1
328	ICB01	E-IC-0401-1977	0430-4005-2109	IC TDA4856/V2 SDIP 32PIN	1
329	ICB02	E-IC-0401-0005	0430-4001-7107	IC TDA8172 DIP 7PIN	1
330	ICB02H	M-MS-0808-5932	1712-0300-0082	HEAT SINK FOR (80W*39T*69H)	1
331	ICB02R	M-MS-0808-3281	1701-1100-0801	SILICON RUBBER /TO1633(30)	1
332	ICB02S	M-SCW-0824-0432	1724-2603-1202	SCREW,BTCW,M3.0X12L,ZN-CC	1
333	ICB02W	PL-CV-0704-0015	1701-0600-0200	TRANSISTOR COVER / TR-08	1
334	ICC01	E-IC-0401-2438	0430-5002-6142	IC NT68P62 DIP 40PIN (OTP)	1
335	ICC01S	M-MS-0808-1154	0201-2544-0000	IC SOCKET 2.54MM 40PIN	1
336	ICC02	E-IC-0401-1888	0430-3000-4117	IC 24LC08B/P DIP 8PIN	1
337	ICE01	E-IC-0401-0080	0430-4000-6104	IC LM324N DIP-14	1
338	ICG01	E-IC-0401-0756	0430-4000-1104	IC LM358 DIP-8	1
339	ICG02	E-IC-0401-0756	0430-4000-1104	IC LM358 DIP-8	1
340	ICH01	E-IC-0401-0593	0430-3000-1115	IC TLC555CP DIP 8PIN	1
341	ICX01	E-IC-0401-1871	0430-4005-5109	IC TDA8444P/N4 DIP 16PIN	1
342	JH01	M-WR-0828-0092	0230-5008-0000	JUMPER WIRE 5.0*0.6MM	1
343	JPA01	M-WR-0828-0145	0230-1259-0000	JUMPER WIRE 12.5*0.6mm	1
344	JPC01	M-WR-0828-0092	0230-5008-0000	JUMPER WIRE 5.0*0.6MM	1
345	J001	M-WR-0828-0090	0230-2009-0000	JUMPER WIRE 20*0.6MM	1
		B-MB-0201-0496	3022-0012-0150	ASS'Y MAIN/PWR/CTRL BD NOKIA 130C	
346	J002	M-WR-0828-0090	0230-2009-0000	JUMPER WIRE 20*0.6MM	1
347	J003	M-WR-0828-0149	0230-2259-0000	JUMPER WIRE 22.5X0.6MM	1
348	J004	M-WR-0828-0375	0230-2509-0000	JUMPER WIRE 25*0.6MM	1
349	J005	M-WR-0828-0086	0230-1009-0000	JUMPER WIRE 10*0.6mm	1
350	J006	M-WR-0828-0151	0230-7508-0000	JUMPER WIRE 7.5*0.6MM	1
351	J007	M-WR-0828-0088	0230-1509-0000	JUMPER WIRE 15*0.6MM	1
352	J008	M-WR-0828-0145	0230-1259-0000	JUMPER WIRE 12.5*0.6mm	1
353	J009	M-WR-0828-0147	0230-1759-0000	JUMPER WIRE 17.5*0.6MM	1
354	J01	M-WR-0828-0088	0230-1509-0000	JUMPER WIRE 15*0.6MM	1
355	J010	M-WR-0828-0147	0230-1759-0000	JUMPER WIRE 17.5*0.6MM	1
356	J011	M-WR-0828-0375	0230-2509-0000	JUMPER WIRE 25*0.6MM	1
357	J013	M-WR-0828-0151	0230-7508-0000	JUMPER WIRE 7.5*0.6MM	1
358	J014	M-WR-0828-0151	0230-7508-0000	JUMPER WIRE 7.5*0.6MM	1
359	J015	M-WR-0828-0151	0230-7508-0000	JUMPER WIRE 7.5*0.6MM	1
360	J016	M-WR-0828-0375	0230-2509-0000	JUMPER WIRE 25*0.6MM	1
361	J017	M-WR-0828-0375	0230-2509-0000	JUMPER WIRE 25*0.6MM	1
362	J018	M-WR-0828-0375	0230-2509-0000	JUMPER WIRE 25*0.6MM	1
363	J019	M-WR-0828-0375	0230-2509-0000	JUMPER WIRE 25*0.6MM	1
364	J020	M-WR-0828-0375	0230-2509-0000	JUMPER WIRE 25*0.6MM	1
365	J021	M-WR-0828-0092	0230-5008-0000	JUMPER WIRE 5.0*0.6MM	1
366	J022	M-WR-0828-0145	0230-1259-0000	JUMPER WIRE 12.5*0.6mm	1
367	J023	M-WR-0828-0147	0230-1759-0000	JUMPER WIRE 17.5*0.6MM	1
368	J024	M-WR-0828-0375	0230-2509-0000	JUMPER WIRE 25*0.6MM	1
369	J026	M-WR-0828-0149	0230-2259-0000	JUMPER WIRE 22.5X0.6MM	1
370	J027	M-WR-0828-0149	0230-2259-0000	JUMPER WIRE 22.5X0.6MM	1
371	J028	M-WR-0828-0090	0230-2009-0000	JUMPER WIRE 20*0.6MM	1
372	J029	M-WR-0828-0375	0230-2509-0000	JUMPER WIRE 25*0.6MM	1
373	J030	M-WR-0828-0149	0230-2259-0000	JUMPER WIRE 22.5X0.6MM	1
374	J031	M-WR-0828-0145	0230-1259-0000	JUMPER WIRE 12.5*0.6mm	1
375	J033	M-WR-0828-0151	0230-7508-0000	JUMPER WIRE 7.5*0.6MM	1
376	J034	M-WR-0828-0147	0230-1759-0000	JUMPER WIRE 17.5*0.6MM	1
377	J035	M-WR-0828-0147	0230-1759-0000	JUMPER WIRE 17.5*0.6MM	1
378	J036	M-WR-0828-0149	0230-2259-0000	JUMPER WIRE 22.5X0.6MM	1
379	J037	M-WR-0828-0375	0230-2509-0000	JUMPER WIRE 25*0.6MM	1
380	J038	M-WR-0828-0375	0230-2509-0000	JUMPER WIRE 25*0.6MM	1
381	J039	M-WR-0828-0375	0230-2509-0000	JUMPER WIRE 25*0.6MM	1
382	J040	M-WR-0828-0151	0230-7508-0000	JUMPER WIRE 7.5*0.6MM	1
383	J041	M-WR-0828-0088	0230-1509-0000	JUMPER WIRE 15*0.6MM	1
384	J042	M-WR-0828-0090	0230-2009-0000	JUMPER WIRE 20*0.6MM	1
385	J043	M-WR-0828-0149	0230-2259-0000	JUMPER WIRE 22.5X0.6MM	1
386	J044	M-WR-0828-0151	0230-7508-0000	JUMPER WIRE 7.5*0.6MM	1
387	J045	M-WR-0828-0149	0230-2259-0000	JUMPER WIRE 22.5X0.6MM	1
388	J046	M-WR-0828-0149	0230-2259-0000	JUMPER WIRE 22.5X0.6MM	1
389	J047	M-WR-0828-0145	0230-1259-0000	JUMPER WIRE 12.5*0.6mm	1
390	J048	M-WR-0828-0145	0230-1259-0000	JUMPER WIRE 12.5*0.6mm	1
391	J049	M-WR-0828-0090	0230-2009-0000	JUMPER WIRE 20*0.6MM	1
392	J050	M-WR-0828-0090	0230-2009-0000	JUMPER WIRE 20*0.6MM	1
393	J051	M-WR-0828-0088	0230-1509-0000	JUMPER WIRE 15*0.6MM	1
394	J052	M-WR-0828-0088	0230-1509-0000	JUMPER WIRE 15*0.6MM	1
395	J053	M-WR-0828-0086	0230-1009-0000	JUMPER WIRE 10*0.6mm	1

ITEM	LOCATION	VSC PART NO.	VENDOR NO.	DESCRIPTION	QTY
396	J054	M-WR-0828-0086	0230-1009-0000	JUMPER WIRE 10*0.6mm	1
397	J055	M-WR-0828-0151	0230-7508-0000	JUMPER WIRE 7.5*0.6MM	1
398	J056	M-WR-0828-0086	0230-1009-0000	JUMPER WIRE 10*0.6mm	1
399	J057	M-WR-0828-0147	0230-1759-0000	JUMPER WIRE 17.5*0.6MM	1
400	J058	M-WR-0828-0092	0230-5008-0000	JUMPER WIRE 5.0*0.6MM	1
401	J059	M-WR-0828-0088	0230-1509-0000	JUMPER WIRE 15*0.6MM	1
		B-MB-0201-0496	3022-0012-0150	ASS'Y MAIN/PWR/CTRL BD NOKIA 130C	
402	J060	M-WR-0828-0086	0230-1009-0000	JUMPER WIRE 10*0.6mm	1
403	J061	M-WR-0828-0088	0230-1509-0000	JUMPER WIRE 15*0.6MM	1
404	J062	M-WR-0828-0090	0230-2009-0000	JUMPER WIRE 20*0.6MM	1
405	J063	M-WR-0828-0151	0230-7508-0000	JUMPER WIRE 7.5*0.6MM	1
406	J064	M-WR-0828-0086	0230-1009-0000	JUMPER WIRE 10*0.6mm	1
407	J065	M-WR-0828-0145	0230-1259-0000	JUMPER WIRE 12.5*0.6mm	1
408	J066	M-WR-0828-0086	0230-1009-0000	JUMPER WIRE 10*0.6mm	1
409	J067	M-WR-0828-0090	0230-2009-0000	JUMPER WIRE 20*0.6MM	1
410	J068	M-WR-0828-0147	0230-1759-0000	JUMPER WIRE 17.5*0.6MM	1
411	J069	M-WR-0828-0086	0230-1009-0000	JUMPER WIRE 10*0.6mm	1
412	J070	M-WR-0828-0145	0230-1259-0000	JUMPER WIRE 12.5*0.6mm	1
413	J071	M-WR-0828-0086	0230-1009-0000	JUMPER WIRE 10*0.6mm	1
414	J072	M-WR-0828-0147	0230-1759-0000	JUMPER WIRE 17.5*0.6MM	1
415	J073	M-WR-0828-0151	0230-7508-0000	JUMPER WIRE 7.5*0.6MM	1
416	J074	M-WR-0828-0086	0230-1009-0000	JUMPER WIRE 10*0.6mm	1
417	J075	M-WR-0828-0086	0230-1009-0000	JUMPER WIRE 10*0.6mm	1
418	J076	M-WR-0828-0088	0230-1509-0000	JUMPER WIRE 15*0.6MM	1
419	J077	M-WR-0828-0086	0230-1009-0000	JUMPER WIRE 10*0.6mm	1
420	J078	M-WR-0828-0088	0230-1509-0000	JUMPER WIRE 15*0.6MM	1
421	J079	M-WR-0828-0147	0230-1759-0000	JUMPER WIRE 17.5*0.6MM	1
422	J080	M-WR-0828-0090	0230-2009-0000	JUMPER WIRE 20*0.6MM	1
423	J081	M-WR-0828-0147	0230-1759-0000	JUMPER WIRE 17.5*0.6MM	1
424	J082	M-WR-0828-0086	0230-1009-0000	JUMPER WIRE 10*0.6mm	1
425	J083	M-WR-0828-0147	0230-1759-0000	JUMPER WIRE 17.5*0.6MM	1
426	J084	M-WR-0828-0092	0230-5008-0000	JUMPER WIRE 5.0*0.6MM	1
427	J085	M-WR-0828-0090	0230-2009-0000	JUMPER WIRE 20*0.6MM	1
428	J086	M-WR-0828-0147	0230-1759-0000	JUMPER WIRE 17.5*0.6MM	1
429	J087	M-WR-0828-0086	0230-1009-0000	JUMPER WIRE 10*0.6mm	1
430	J088	M-WR-0828-0086	0230-1009-0000	JUMPER WIRE 10*0.6mm	1
431	J090	M-WR-0828-0145	0230-1259-0000	JUMPER WIRE 12.5*0.6mm	1
432	J091	M-WR-0828-0088	0230-1509-0000	JUMPER WIRE 15*0.6MM	1
433	J092	M-WR-0828-0149	0230-2259-0000	JUMPER WIRE 22.5X0.6MM	1
434	J093	M-WR-0828-0086	0230-1009-0000	JUMPER WIRE 10*0.6mm	1
435	J094	M-WR-0828-0086	0230-1009-0000	JUMPER WIRE 10*0.6mm	1
436	J095	M-WR-0828-0090	0230-2009-0000	JUMPER WIRE 20*0.6MM	1
437	J096	M-WR-0828-0151	0230-7508-0000	JUMPER WIRE 7.5*0.6MM	1
438	J097	M-WR-0828-0147	0230-1759-0000	JUMPER WIRE 17.5*0.6MM	1
439	J098	M-WR-0828-0090	0230-2009-0000	JUMPER WIRE 20*0.6MM	1
440	J099	M-WR-0828-0147	0230-1759-0000	JUMPER WIRE 17.5*0.6MM	1
441	J100	M-WR-0828-0145	0230-1259-0000	JUMPER WIRE 12.5*0.6mm	1
442	J101	M-WR-0828-0147	0230-1759-0000	JUMPER WIRE 17.5*0.6MM	1
443	J102	M-WR-0828-0145	0230-1259-0000	JUMPER WIRE 12.5*0.6mm	1
444	J103	M-WR-0828-0088	0230-1509-0000	JUMPER WIRE 15*0.6MM	1
445	J104	M-WR-0828-0090	0230-2009-0000	JUMPER WIRE 20*0.6MM	1
446	J105	M-WR-0828-0086	0230-1009-0000	JUMPER WIRE 10*0.6mm	1
447	J106	M-WR-0828-0086	0230-1009-0000	JUMPER WIRE 10*0.6mm	1
448	J107	M-WR-0828-0086	0230-1009-0000	JUMPER WIRE 10*0.6mm	1
449	J108	M-WR-0828-0086	0230-1009-0000	JUMPER WIRE 10*0.6mm	1
450	J109	M-WR-0828-0086	0230-1009-0000	JUMPER WIRE 10*0.6mm	1
451	J110	M-WR-0828-0145	0230-1259-0000	JUMPER WIRE 12.5*0.6mm	1
452	J111	M-WR-0828-0151	0230-7508-0000	JUMPER WIRE 7.5*0.6MM	1
453	J112	M-WR-0828-0086	0230-1009-0000	JUMPER WIRE 10*0.6mm	1
454	J113	M-WR-0828-0088	0230-1509-0000	JUMPER WIRE 15*0.6MM	1
455	J114	M-WR-0828-0088	0230-1509-0000	JUMPER WIRE 15*0.6MM	1
456	J118	M-WR-0828-0086	0230-1009-0000	JUMPER WIRE 10*0.6mm	1
457	LA01	E-L-0407-0474	0360-1000-0010	RING CORE L:250UH 4A	1
		B-MB-0201-0496	3022-0012-0150	ASS'Y MAIN/PWR/CTRL BD NOKIA 130C	
458	LA02	E-L-0407-0474	0360-1000-0010	RING CORE L:250UH 4A	1
459	LA03	E-L-0407-0547	0370-0000-1010	FERRITE CORE RH 3.5X6X1.0(W)X2	1
460	LA04	M-WR-0828-0088	0230-1509-0000	JUMPER WIRE 15*0.6MM	1
461	LA05	E-L-0407-0615	0370-0000-1210	FERRITE CORE A6 RH 3.5X9X0.8-T52	1

ITEM	LOCATION	VSC PART NO.	VENDOR NO.	DESCRIPTION	QTY
462	LA06	E-L-0407-0547	0370-0000-1010	FERRITE CORE RH 3.5X6X1.0(W)X2	1
463	LA07	E-L-0407-0547	0370-0000-1010	FERRITE CORE RH 3.5X6X1.0(W)X2	1
464	LA10	E-L-0407-1309	0361-1000-0180	DRUM CORE L:48UH 2A(10*16)	1
465	LC01	E-L-0407-1084	0344-2290-0601	PEAKING COIL 2.2UH 1/4W K A-T	1
466	LG01	E-L-0407-1086	0370-0000-0410	BEAD CORE RH 3.5X4.7X1.0MM	1
467	LG02	E-L-0407-1372	0361-1000-0210	CHOKE COIL L:500uH (10*16)	1
468	LH01	E-T-0408-0415	0350-0130-0080	X'FMR EI30 150UH 3A	1
469	LH02	E-T-0408-0416	0354-0125-0080	X'FMR H-CEN EI25 6.9 mH 0.45A	1
470	LH03	M-WR-0828-0086	0230-1009-0000	JUMPER WIRE 10*0.6mm	1
471	LH05	E-L-0407-1311	0381-0000-0140	LINEARITY COIL 6.6UH -4A	1
472	LH06	E-L-0407-1309	0361-1000-0180	DRUM CORE L:48UH 2A(10*16)	1
473	LH07	E-L-0407-0561	0361-1000-0020	DRUM CORE L:2MH 0.5A(10*16)	1
474	MB02	M-WR-0828-0085	1701-1402-0300	WIRE SADDLE/ YJ-203S	1
475	MB06	M-MS-0808-4667	1712-0100-3201	CHASSIS BRACKET REAR/AT897D	1
476	MB12	M-SCW-0824-0198	1724-3804-0802	SCREW,PBATW,M4.0X8L,ZZ-CC	1
477	MB13	M-MS-0808-6120	1712-0100-1160	CRT SUPPORT AT320DB	1
478	MB15	PL-CL-0710-0031	1701-1500-0300	CABLE CLIPS/TA11-4	1
479	MB20	M-MS-0808-6121	1712-0100-1490	POWER FACTOR BRACKET	1
480	PRC01	E-R-0405-5532	0141-1002-1850	ARRAY RES. A(X) 10Kohm 1/8W J 8P	1
481	QA01	E-Q-0402-1322	0420-1002-0508	POWER MOS 2SK956 TO-3P (800V 9A)	1
482	QA01H	M-MS-0808-1893	1712-0400-1301	HEAT SINK 60WX15TX80H-40H	1
483	QA01R	M-MS-0808-1182	1701-1100-0100	SILICON RUBBER/TO-3P3	1
484	QA01S	M-SCW-0824-0148	1724-1703-1002	SCREW,PB,M3.0X10L,ZN-CC	1
485	QA02	E-Q-0402-0669	0410-2000-1110	TRANSISTOR 2SC945P TO-92 T	1
486	QA04	E-Q-0402-0669	0410-2000-1110	TRANSISTOR 2SC945P TO-92 T	1
487	QA07	E-Q-0402-0669	0410-2000-1110	TRANSISTOR 2SC945P TO-92 T	1
488	QA09	E-Q-0402-0669	0410-2000-1110	TRANSISTOR 2SC945P TO-92 T	1
489	QA10	E-Q-0402-0567	0410-0000-1109	TRANSISTOR 2SA733P TO-92 T	1
490	QA11	E-Q-0402-0669	0410-2000-1110	TRANSISTOR 2SC945P TO-92 T	1
491	QB03	E-Q-0402-0669	0410-2000-1110	TRANSISTOR 2SC945P TO-92 T	1
492	QB04	E-Q-0402-0567	0410-0000-1109	TRANSISTOR 2SA733P TO-92 T	1
493	QB05	E-Q-0402-0669	0410-2000-1110	TRANSISTOR 2SC945P TO-92 T	1
494	QC10	E-Q-0402-0669	0410-2000-1110	TRANSISTOR 2SC945P TO-92 T	1
495	QC11	E-Q-0402-0669	0410-2000-1110	TRANSISTOR 2SC945P TO-92 T	1
496	QC14	E-Q-0402-0567	0410-0000-1109	TRANSISTOR 2SA733P TO-92 T	1
497	QE01	E-Q-0402-0421	0410-2000-3106	TRANSISTOR 2SC1213AC TO-92 T	1
498	QE02	E-Q-0402-1257	0410-0000-2106	TRANSISTOR 2SA673AC TO-92 T	1
499	QE05	E-Q-0402-0421	0410-2000-3106	TRANSISTOR 2SC1213AC TO-92 T	1
500	QE06	E-Q-0402-1257	0410-0000-2106	TRANSISTOR 2SA673AC TO-92 T	1
501	QE07	E-Q-0402-0421	0410-2000-3106	TRANSISTOR 2SC1213AC TO-92 T	1
502	QE08	E-Q-0402-1257	0410-0000-2106	TRANSISTOR 2SA673AC TO-92 T	1
503	QE09	E-Q-0402-0421	0410-2000-3106	TRANSISTOR 2SC1213AC TO-92 T	1
504	QE10	E-Q-0402-1257	0410-0000-2106	TRANSISTOR 2SA673AC TO-92 T	1
505	QG01	E-Q-0402-1257	0410-0000-2106	TRANSISTOR 2SA673AC TO-92 T	1
506	QG03	E-Q-0402-1279	0420-1001-5401	POWER MOS IRF740 TO-220 3PIN	1
507	QG03H	M-MS-0808-5936	1712-0400-0241	HEAT SINK (60.1W*45H*15T) GS815	1
508	QG03R	M-MS-0808-3281	1701-1100-0801	SILICON RUBBER /TO1633(30)	1
509	QG03S	M-SCW-0824-0149	1724-1703-1202	SCREW,PB,M3.0X12L,ZN-CC	1
510	QG03W	PL-CV-0704-0015	1701-0600-0200	TRANSISTOR COVER / TR-08	1
511	QG04	E-Q-0402-0421	0410-2000-3106	TRANSISTOR 2SC1213AC TO-92 T	1
512	QG05	E-Q-0402-0888	0410-4000-2111	TRANSISTOR BF421 TO-92 T	1
513	QG06	E-Q-0402-0887	0410-4000-1111	TRANSISTOR BF420 TO-92 T	1
		B-MB-0201-0496	3022-0012-0150	ASS'Y MAIN/PWR/CTRL BD NOKIA 130C	
514	QG07	E-Q-0402-0567	0410-0000-1109	TRANSISTOR 2SA733P TO-92 T	1
515	QG08	E-Q-0402-0424	0410-4000-3105	TRANSISTOR BF422 TO-92 T	1
516	QG09	E-Q-0402-0886	0410-3000-3306	TRANSISTOR 2SD669AC TO-126	1
517	QG09H	M-MS-0808-4856	1712-0400-0202	HEAT SINK (15W*11T*40.0H)	1
518	QG09S	M-SCW-0824-0147	1724-1703-0602	SCREW,PB,M3.0X6L,ZN-CC	1
519	QG10	E-Q-0402-0119	0410-1000-1306	TRANSISTOR 2SB649AC TO-126	1
520	QG10H	M-MS-0808-4856	1712-0400-0202	HEAT SINK (15W*11T*40.0H)	1
521	QG10S	M-SCW-0824-0147	1724-1703-0602	SCREW,PB,M3.0X6L,ZN-CC	1
522	QG11	E-Q-0402-1257	0410-0000-2106	TRANSISTOR 2SA673AC TO-92 T	1
523	QG12	E-Q-0402-0669	0410-2000-1110	TRANSISTOR 2SC945P TO-92 T	1
524	QG13	E-Q-0402-0669	0410-2000-1110	TRANSISTOR 2SC945P TO-92 T	1
525	QG14	E-Q-0402-0669	0410-2000-1110	TRANSISTOR 2SC945P TO-92 T	1
526	QG15	E-Q-0402-0421	0410-2000-3106	TRANSISTOR 2SC1213AC TO-92 T	1
527	QG16	E-Q-0402-0669	0410-2000-1110	TRANSISTOR 2SC945P TO-92 T	1
528	QG17	E-Q-0402-0669	0410-2000-1110	TRANSISTOR 2SC945P TO-92 T	1
529	QG18	E-Q-0402-0669	0410-2000-1110	TRANSISTOR 2SC945P TO-92 T	1
530	QG19	E-Q-0402-0887	0410-4000-1111	TRANSISTOR BF420 TO-92 T	1

ITEM	LOCATION	VSC PART NO.	VENDOR NO.	DESCRIPTION	QTY
531	QG20	E-Q-0402-0888	0410-4000-2111	TRANSISTOR BF421 TO-92 T	1
532	QH01	E-Q-0402-0421	0410-2000-3106	TRANSISTOR 2SC1213AC TO-92 T	1
533	QH02	E-Q-0402-1257	0410-0000-2106	TRANSISTOR 2SA673AC TO-92 T	1
534	QH05	E-Q-0402-0669	0410-2000-1110	TRANSISTOR 2SC945P TO-92 T	1
535	QH06	E-Q-0402-1321	0410-2001-5516	TR NPN 2SC5584 1500V 20A TOP-3L	1
536	QH06H1	M-MS-0808-5934	1712-0400-0220	HEAT SINK (84W*100H*15T) GS815	1
537	QH06H2	M-MS-0808-5935	1712-0400-0230	HEAT SINK (84W*63.2H*15T) GS815	1
538	QH06R	M-MS-0808-1797	1701-1100-1000	SILICON RUBBER / TO-3025	1
539	QH06S1	M-SCW-0824-0195	1724-1703-0802	SCREW,PB,M3.0X8L,ZN-CC	1
540	QH06S2	M-SCW-0824-0479	1721-1003-0810	TAP. SCREW-TP #3.0x8.0L, Zn-Cc	5
541	QH07	E-Q-0402-0503	0410-6000-1311	TRANSISTOR BD139 TO-126	1
542	QH07N	M-MS-0808-1208	1910-3005-0002	NUT M3.0X0.5,ZN-CC	1
543	QH07S	M-SCW-0824-0195	1724-1703-0802	SCREW,PB,M3.0X8L,ZN-CC	1
544	QH08	E-Q-0402-0991	0410-6000-2311	TRANSISTOR BD140 TO-126	1
545	QH09	E-Q-0402-1257	0410-0000-2106	TRANSISTOR 2SA673AC TO-92 T	1
546	QH10	E-Q-0402-0669	0410-2000-1110	TRANSISTOR 2SC945P TO-92 T	1
547	QH12	E-Q-0402-0940	0420-1000-2407	POWER MOS IRF640 TO-220	1
548	QH12H	M-MS-0808-6123	1712-0300-0260	HEAT SINK FOR QH12	1
549	QH13	E-Q-0402-0940	0420-1000-2407	POWER MOS IRF640 TO-220	1
550	QH13H	M-MS-0808-4856	1712-0400-0202	HEAT SINK (15W*11T*40.0H)	1
551	QH13R	M-MS-0808-1184	1701-1100-0200	SILICON RUBBER/TO-2203	1
552	QH13S	M-SCW-0824-0147	1724-1703-0602	SCREW,PB,M3.0X6L,ZN-CC	1
553	QH13W	M-MS-0808-1186	1701-1300-0100	TRANSISTOR WASHER/602S	1
554	QH14	E-Q-0402-0940	0420-1000-2407	POWER MOS IRF640 TO-220	1
555	QH14H	M-MS-0808-1892	1712-0400-1201	HEAT SINK (15WX11TX60H)	1
556	QH14R	M-MS-0808-1184	1701-1100-0200	SILICON RUBBER/TO-2203	1
557	QH14S	M-SCW-0824-0147	1724-1703-0602	SCREW,PB,M3.0X6L,ZN-CC	1
558	QH14W	M-MS-0808-1186	1701-1300-0100	TRANSISTOR WASHER/602S	1
559	QH15	E-Q-0402-0669	0410-2000-1110	TRANSISTOR 2SC945P TO-92 T	1
560	QH16	E-Q-0402-0669	0410-2000-1110	TRANSISTOR 2SC945P TO-92 T	1
561	QH17	E-Q-0402-1257	0410-0000-2106	TRANSISTOR 2SA673AC TO-92 T	1
562	QH18	E-Q-0402-0567	0410-0000-1109	TRANSISTOR 2SA733P TO-92 T	1
563	QH19	E-Q-0402-0938	0420-1000-1401	POWER MOS IRF630 TO-220	1
564	QH20	E-Q-0402-0567	0410-0000-1109	TRANSISTOR 2SA733P TO-92 T	1
565	QH21	E-Q-0402-0421	0410-2000-3106	TRANSISTOR 2SC1213AC TO-92 T	1
566	QH22	E-Q-0402-1279	0420-1001-5401	POWER MOS IRF740 TO-220 3PIN	1
567	QH22H	M-MS-0808-5951	1712-0400-0270	HEAT SINK (23.5WX16.5TX50H)	1
568	QH22R	M-MS-0808-3281	1701-1100-0801	SILICON RUBBER /TO1633(30)	1
569	QH22S	M-SCW-0824-0149	1724-1703-1202	SCREW,PB,M3.0X12L,ZN-CC	1
		B-MB-0201-0496	3022-0012-0150	ASS'Y MAIN/PWR/CTRL BD NOKIA 130C	
570	QH22W	PL-CV-0704-0015	1701-0600-0200	TRANSISTOR COVER / TR-08	1
571	QH24	E-Q-0402-0669	0410-2000-1110	TRANSISTOR 2SC945P TO-92 T	1
572	QH25	E-Q-0402-0669	0410-2000-1110	TRANSISTOR 2SC945P TO-92 T	1
573	QH28	E-Q-0402-0503	0410-6000-1311	TRANSISTOR BD139 TO-126	1
574	QH28H	M-MS-0808-1198	1712-0400-0100	HEAT SINK (12WX5TX22H)	1
575	QH28S	M-SCW-0824-0147	1724-1703-0602	SCREW,PB,M3.0X6L,ZN-CC	1
576	QX01	E-Q-0402-0421	0410-2000-3106	TRANSISTOR 2SC1213AC TO-92 T	1
577	QX02	E-Q-0402-1257	0410-0000-2106	TRANSISTOR 2SA673AC TO-92 T	1
578	QX03	E-Q-0402-1257	0410-0000-2106	TRANSISTOR 2SA673AC TO-92 T	1
579	QX04	E-Q-0402-0421	0410-2000-3106	TRANSISTOR 2SC1213AC TO-92 T	1
580	QX05	E-Q-0402-1257	0410-0000-2106	TRANSISTOR 2SA673AC TO-92 T	1
581	QX06	E-Q-0402-0421	0410-2000-3106	TRANSISTOR 2SC1213AC TO-92 T	1
582	QX07	E-Q-0402-1257	0410-0000-2106	TRANSISTOR 2SA673AC TO-92 T	1
583	QX08	E-Q-0402-0421	0410-2000-3106	TRANSISTOR 2SC1213AC TO-92 T	1
584	QX09	E-Q-0402-0421	0410-2000-3106	TRANSISTOR 2SC1213AC TO-92 T	1
585	QX10	E-Q-0402-1257	0410-0000-2106	TRANSISTOR 2SA673AC TO-92 T	1
586	QX11	E-Q-0402-0421	0410-2000-3106	TRANSISTOR 2SC1213AC TO-92 T	1
587	QX12	E-Q-0402-1257	0410-0000-2106	TRANSISTOR 2SA673AC TO-92 T	1
588	QX13	E-Q-0402-0421	0410-2000-3106	TRANSISTOR 2SC1213AC TO-92 T	1
589	QX14	E-Q-0402-1257	0410-0000-2106	TRANSISTOR 2SA673AC TO-92 T	1
590	QX15	E-Q-0402-1257	0410-0000-2106	TRANSISTOR 2SA673AC TO-92 T	1
591	QX16	E-Q-0402-0421	0410-2000-3106	TRANSISTOR 2SC1213AC TO-92 T	1
592	RA01	E-R-0405-3168	0130-1004-1250	RES. CF 1.0Mohm 1/2W J A	1
593	RA03	E-R-0405-5513	0130-4702-0152	RES. CF 47Kohm 1W J A-FK	1
594	RA04	E-R-0405-4248	0130-1000-1850	RES. CF 100ohm 1/8W J A	1
595	RA06	E-R-0405-3261	0130-3309-1450	RES. CF 33ohm 1/4W J A	1
596	RA07	E-R-0405-5515	0130-4708-1450	RES. CF 4.7ohm 1/4W J A	1
597	RA08	E-R-0405-4269	0130-1002-1450	RES. CF 10Kohm 1/4W J A	1
598	RA09	E-R-0405-4274	0130-1001-1450	RES. CF 1.0Kohm 1/4W J A	1
599	RA10	E-R-0405-4238	0130-4701-1850	RES. CF 4.7Kohm 1/8W J A	1

ITEM	LOCATION	VSC PART NO.	VENDOR NO.	DESCRIPTION	QTY
600	RA11	E-R-0405-6499	0132-0168-0252	RES. MOF 0.16ohm 2W J A-FK	1
601	RA12	E-R-0405-2933	0130-2702-1850	RES. CF 27Kohm 1/8W J A	1
602	RA13	E-R-0405-3522	0130-1202-1450	RES. CF 12Kohm 1/4W J A	1
603	RA14	E-R-0405-4235	0130-4700-1850	RES. CF 470ohm 1/8W J A	1
604	RA15	E-R-0405-4251	0130-1003-1850	RES. CF 100Kohm 1/8W J A	1
605	RA16	E-R-0405-4269	0130-1002-1450	RES. CF 10Kohm 1/4W J A	1
606	RA17	E-R-0405-4269	0130-1002-1450	RES. CF 10Kohm 1/4W J A	1
607	RA18	E-R-0405-3250	0130-1009-1450	RES. CF 10ohm 1/4W J A	1
608	RA19	E-R-0405-3250	0130-1009-1450	RES. CF 10ohm 1/4W J A	1
609	RA20	E-R-0405-5507	0130-2201-1450	RES. CF 2.2Kohm 1/4W J A	1
610	RA21	E-R-0405-5511	0130-3309-1250	RES. CF 33ohm 1/2W J A	1
611	RA22	E-R-0405-6208	0132-1203-0152	RES. MOF 120Kohm 1W J A-FK	1
612	RA23	E-R-0405-3289	0132-6202-0112	RES. MOF 62Kohm 1W F A-FK	1
613	RA24	E-R-0405-5787	0131-2001-1410	RES. MF 2.00Kohm 1/4W F A	1
614	RA25	E-R-0405-6193	0130-2203-1850	RES. CF 220Kohm 1/8W J A	1
615	RA26	E-R-0405-4274	0130-1001-1450	RES. CF 1.0Kohm 1/4W J A	1
616	RA27	E-R-0405-4240	0130-1002-1850	RES. CF 10Kohm 1/8W J A	1
617	RA28	E-R-0405-3249	0130-1000-1450	RES. CF 100ohm 1/4W J A	1
618	RA29	E-R-0405-4248	0130-1000-1850	RES. CF 100ohm 1/8W J A	1
619	RA31	E-R-0405-6317	0130-4701-1250	RES. CF 4.7Kohm 1/2W J A	1
620	RA32	E-R-0405-4274	0130-1001-1450	RES. CF 1.0Kohm 1/4W J A	1
621	RA33	E-R-0405-4240	0130-1002-1850	RES. CF 10Kohm 1/8W J A	1
622	RA34	E-R-0405-3250	0130-1009-1450	RES. CF 10ohm 1/4W J A	1
623	RA35	E-R-0405-6212	0132-6800-0252	RES. MOF 680ohm 2W J A-FK	1
624	RA36	E-R-0405-4252	0130-1009-1850	RES. CF 10ohm 1/8W J A	1
625	RA38	E-R-0405-6325	0132-0338-0252	RES. MOF 0.33ohm 2W J A-FK	1
		B-MB-0201-0496	3022-0012-0150	ASS'Y MAIN/PWR/CTRL BD NOKIA 130C	
626	RA40	E-R-0405-4233	0130-1001-1850	RES. CF 1.0Kohm 1/8W J A	1
627	RA41	E-R-0405-5528	0132-6802-0252	RES. MOF 68Kohm 2W J A-FK	1
628	RA42	E-R-0405-5528	0132-6802-0252	RES. MOF 68Kohm 2W J A-FK	1
629	RA43	E-R-0405-4252	0130-1009-1850	RES. CF 10ohm 1/8W J A	1
630	RA44	E-R-0405-3312	0130-1008-1850	RES. CF 1.0ohm 1/8W J A	1
631	RA45	E-R-0405-0944	0130-2000-1850	RES. CF 200ohm 1/8W J A	1
632	RA46	E-R-0405-6318	0130-5109-1254	RES. CF 51ohm 1/2W J R-K	1
633	RA47	E-R-0405-6322	0131-2612-1410	RES. MF 26.1Kohm 1/4W F A	1
634	RA48	E-R-0405-4240	0130-1002-1850	RES. CF 10Kohm 1/8W J A	1
635	RA49	E-R-0405-4258	0130-2201-1850	RES. CF 2.2Kohm 1/8W J A	1
636	RA50	E-R-0405-4274	0130-1001-1450	RES. CF 1.0Kohm 1/4W J A	1
637	RA51	E-R-0405-4240	0130-1002-1850	RES. CF 10Kohm 1/8W J A	1
638	RA52	E-R-0405-4240	0130-1002-1850	RES. CF 10Kohm 1/8W J A	1
639	RA68	E-R-0405-4272	0130-1003-1450	RES. CF 100Kohm 1/4W J A	1
640	RB01	E-R-0405-5416	0130-4701-1450	RES. CF 4.7Kohm 1/4W J A	1
641	RB02	E-R-0405-2908	0130-1802-1850	RES. CF 18Kohm 1/8W J A	1
642	RB03	E-R-0405-3249	0130-1000-1450	RES. CF 100ohm 1/4W J A	1
643	RB04	E-R-0405-2943	0130-6801-1850	RES. CF 6.8Kohm 1/8W J A	1
644	RB05	E-R-0405-4241	0130-5102-1850	RES. CF 51Kohm 1/8W J A	1
645	RB06	E-R-0405-2920	0130-2401-1850	RES. CF 2.4Kohm 1/8W J A	1
646	RB07	E-R-0405-4269	0130-1002-1450	RES. CF 10Kohm 1/4W J A	1
647	RB08	E-R-0405-3522	0130-1202-1450	RES. CF 12Kohm 1/4W J A	1
648	RB10	E-R-0405-4269	0130-1002-1450	RES. CF 10Kohm 1/4W J A	1
649	RB11	E-R-0405-5515	0130-4708-1450	RES. CF 4.7ohm 1/4W J A	1
650	RB12	E-R-0405-3249	0130-1000-1450	RES. CF 100ohm 1/4W J A	1
651	RB14	E-R-0405-4240	0130-1002-1850	RES. CF 10Kohm 1/8W J A	1
652	RB15	E-R-0405-2912	0130-2001-1850	RES. CF 2.0Kohm 1/8W J A	1
653	RB16	E-R-0405-2896	0130-1102-1850	RES. CF 11Kohm 1/8W J A	1
654	RB17	E-R-0405-4233	0130-1001-1850	RES. CF 1.0Kohm 1/8W J A	1
655	RB18	E-R-0405-4234	0130-3300-1850	RES. CF 330ohm 1/8W J A	1
656	RB19	E-R-0405-4248	0130-1000-1850	RES. CF 100ohm 1/8W J A	1
657	RB20	E-R-0405-6495	0130-6200-1450	RES. CF 620ohm 1/4W J A	1
658	RB21	E-R-0405-3249	0130-1000-1450	RES. CF 100ohm 1/4W J A	1
659	RB22	E-R-0405-3249	0130-1000-1450	RES. CF 100ohm 1/4W J A	1
660	RB23	E-R-0405-2917	0130-2202-1850	RES. CF 22Kohm 1/8W J A	1
661	RB24	E-R-0405-4260	0130-3301-1850	RES. CF 3.3Kohm 1/8W J A	1
662	RB25	E-R-0405-6497	0131-5360-1810	RES. MF 536ohm 1/8W F A	1
663	RB26	E-R-0405-5523	0131-2741-1810	RES. MF 2.74Kohm 1/8W F A	1
664	RB27	E-R-0405-3249	0130-1000-1450	RES. CF 100ohm 1/4W J A	1
665	RB28	E-R-0405-3274	0131-1212-1410	RES. MF 12.1Kohm 1/4W F A	1
666	RB29	E-R-0405-5524	0131-6191-1410	RES. MF 6.19Kohm 1/4W F A	1
667	RB30	E-R-0405-3282	0132-1008-0252	RES. MOF 1ohm 2W J A-FK	1
668	RB31	E-L-0407-0556	0370-0000-1110	FERRITE CORE W8 R6H 6X10 2 1/2 T	1

ITEM	LOCATION	VSC PART NO.	VENDOR NO.	DESCRIPTION	QTY
669	RB32	E-R-0405-3255	0130-1508-1450	RES. CF 1.5ohm 1/4W J A	1
670	RB33	E-R-0405-3274	0131-1212-1410	RES. MF 12.1Kohm 1/4W F A	1
671	RB34	E-R-0405-3278	0131-6191-1810	RES. MF 6.19Kohm 1/8W F A	1
672	RB35	E-R-0405-3282	0132-1008-0252	RES. MOF 1ohm 2W J A-FK	1
673	RB36	E-R-0405-5516	0130-5100-1250	RES. CF 510ohm 1/2W J A	1
674	RB43	E-R-0405-4238	0130-4701-1850	RES. CF 4.7Kohm 1/8W J A	1
675	RB44	M-WR-0828-0092	0230-5008-0000	JUMPER WIRE 5.0*0.6MM	1
676	RB45	E-R-0405-4240	0130-1002-1850	RES. CF 10Kohm 1/8W J A	1
677	RB46	E-R-0405-2924	0130-3001-1850	RES. CF 3.0Kohm 1/8W J A	1
678	RB47	E-R-0405-4252	0130-1009-1850	RES. CF 10ohm 1/8W J A	1
679	RB51	E-R-0405-4269	0130-1002-1450	RES. CF 10Kohm 1/4W J A	1
680	RB52	E-R-0405-4269	0130-1002-1450	RES. CF 10Kohm 1/4W J A	1
681	RB54	E-R-0405-4248	0130-1000-1850	RES. CF 100ohm 1/8W J A	1
		B-MB-0201-0496	3022-0012-0150	ASS'Y MAIN/PWR/CTRL BD NOKIA 130C	
682	RB62	E-R-0405-3261	0130-3309-1450	RES. CF 33ohm 1/4W J A	1
683	RB63	E-R-0405-4233	0130-1001-1850	RES. CF 1.0Kohm 1/8W J A	1
684	RC01	E-R-0405-3249	0130-1000-1450	RES. CF 100ohm 1/4W J A	1
685	RC02	E-R-0405-5507	0130-2201-1450	RES. CF 2.2Kohm 1/4W J A	1
686	RC04	E-R-0405-4240	0130-1002-1850	RES. CF 10Kohm 1/8W J A	1
687	RC05	E-R-0405-4240	0130-1002-1850	RES. CF 10Kohm 1/8W J A	1
688	RC07	E-R-0405-4238	0130-4701-1850	RES. CF 4.7Kohm 1/8W J A	1
689	RC10	E-R-0405-2893	0130-1005-1850	RES. CF 10Mohm 1/8W J A	1
690	RC11	E-R-0405-4248	0130-1000-1850	RES. CF 100ohm 1/8W J A	1
691	RC12	E-R-0405-3249	0130-1000-1450	RES. CF 100ohm 1/4W J A	1
692	RC13	E-R-0405-5401	0130-2002-1450	RES. CF 20Kohm 1/4W J A	1
693	RC14	E-R-0405-5401	0130-2002-1450	RES. CF 20Kohm 1/4W J A	1
694	RC15	E-R-0405-2913	0130-2002-1850	RES. CF 20Kohm 1/8W J A	1
695	RC16	E-R-0405-5396	0130-1502-1450	RES. CF 15Kohm 1/4W J A	1
696	RC17	E-R-0405-4238	0130-4701-1850	RES. CF 4.7Kohm 1/8W J A	1
697	RC18	E-R-0405-4248	0130-1000-1850	RES. CF 100ohm 1/8W J A	1
698	RC20	E-R-0405-4258	0130-2201-1850	RES. CF 2.2Kohm 1/8W J A	1
699	RC22	E-R-0405-4248	0130-1000-1850	RES. CF 100ohm 1/8W J A	1
700	RC23	E-R-0405-4248	0130-1000-1850	RES. CF 100ohm 1/8W J A	1
701	RC25	E-R-0405-5507	0130-2201-1450	RES. CF 2.2Kohm 1/4W J A	1
702	RC26	E-R-0405-3249	0130-1000-1450	RES. CF 100ohm 1/4W J A	1
703	RC27	E-R-0405-4233	0130-1001-1850	RES. CF 1.0Kohm 1/8W J A	1
704	RC31	E-R-0405-5401	0130-2002-1450	RES. CF 20Kohm 1/4W J A	1
705	RC32	E-R-0405-3249	0130-1000-1450	RES. CF 100ohm 1/4W J A	1
706	RC33	E-R-0405-4248	0130-1000-1850	RES. CF 100ohm 1/8W J A	1
707	RC34	E-R-0405-4248	0130-1000-1850	RES. CF 100ohm 1/8W J A	1
708	RC35	E-R-0405-4258	0130-2201-1850	RES. CF 2.2Kohm 1/8W J A	1
709	RC36	E-R-0405-4238	0130-4701-1850	RES. CF 4.7Kohm 1/8W J A	1
710	RC37	E-R-0405-4258	0130-2201-1850	RES. CF 2.2Kohm 1/8W J A	1
711	RC38	E-R-0405-5507	0130-2201-1450	RES. CF 2.2Kohm 1/4W J A	1
712	RC39	E-R-0405-5416	0130-4701-1450	RES. CF 4.7Kohm 1/4W J A	1
713	RC40	E-R-0405-4258	0130-2201-1850	RES. CF 2.2Kohm 1/8W J A	1
714	RC41	E-R-0405-2913	0130-2002-1850	RES. CF 20Kohm 1/8W J A	1
715	RC42	E-R-0405-5416	0130-4701-1450	RES. CF 4.7Kohm 1/4W J A	1
716	RC43	E-R-0405-3249	0130-1000-1450	RES. CF 100ohm 1/4W J A	1
717	RC44	E-R-0405-4240	0130-1002-1850	RES. CF 10Kohm 1/8W J A	1
718	RC45	E-R-0405-4248	0130-1000-1850	RES. CF 100ohm 1/8W J A	1
719	RC48	E-R-0405-4274	0130-1001-1450	RES. CF 1.0Kohm 1/4W J A	1
720	RC49	E-R-0405-4240	0130-1002-1850	RES. CF 10Kohm 1/8W J A	1
721	RC50	E-R-0405-5401	0130-2002-1450	RES. CF 20Kohm 1/4W J A	1
722	RC51	E-R-0405-4274	0130-1001-1450	RES. CF 1.0Kohm 1/4W J A	1
723	RC52	E-R-0405-3249	0130-1000-1450	RES. CF 100ohm 1/4W J A	1
724	RC60	E-R-0405-2912	0130-2001-1850	RES. CF 2.0Kohm 1/8W J A	1
725	RC61	E-R-0405-4233	0130-1001-1850	RES. CF 1.0Kohm 1/8W J A	1
726	RC63	E-R-0405-0944	0130-2000-1850	RES. CF 200ohm 1/8W J A	1
727	RC65	E-R-0405-4238	0130-4701-1850	RES. CF 4.7Kohm 1/8W J A	1
728	RC67	E-R-0405-4233	0130-1001-1850	RES. CF 1.0Kohm 1/8W J A	1
729	RC70	E-R-0405-4238	0130-4701-1850	RES. CF 4.7Kohm 1/8W J A	1
730	RC73	E-R-0405-6217	0130-1002-1250	RES. CF 10Kohm 1/2W J A	1
731	RC74	E-R-0405-5416	0130-4701-1450	RES. CF 4.7Kohm 1/4W J A	1
732	RC75	E-R-0405-5416	0130-4701-1450	RES. CF 4.7Kohm 1/4W J A	1
733	RC76	E-R-0405-5416	0130-4701-1450	RES. CF 4.7Kohm 1/4W J A	1
734	RC77	E-R-0405-4235	0130-4700-1850	RES. CF 470ohm 1/8W J A	1
735	RC78	E-R-0405-4235	0130-4700-1850	RES. CF 470ohm 1/8W J A	1
736	RC79	E-R-0405-4235	0130-4700-1850	RES. CF 470ohm 1/8W J A	1
737	RC80	E-R-0405-3174	0130-6809-1450	RES. CF 68ohm 1/4W J A	1

ITEM	LOCATION	VSC PART NO.	VENDOR NO.	DESCRIPTION	QTY
		B-MB-0201-0496	3022-0012-0150	ASS'Y MAIN/PWR/CTRL BD NOKIA 130C	
738	RC81	E-R-0405-3174	0130-6809-1450	RES. CF 68ohm 1/4W J A	1
739	RC82	E-R-0405-4248	0130-1000-1850	RES. CF 100ohm 1/8W J A	1
740	RE01	E-R-0405-2929	0130-3302-1850	RES. CF 33Kohm 1/8W J A	1
741	RE02	E-R-0405-4272	0130-1003-1450	RES. CF 100Kohm 1/4W J A	1
742	RE07	E-R-0405-3662	0130-7509-1250	RES. CF 75ohm 1/2W J A	1
743	RE08	E-R-0405-3661	0130-5109-1450	RES. CF 51ohm 1/4W J A	1
744	RE10	E-R-0405-4252	0130-1009-1850	RES. CF 10ohm 1/8W J A	1
745	RE13	E-R-0405-5407	0130-3302-1450	RES. CF 33Kohm 1/4W J A	1
746	RE14	E-R-0405-4272	0130-1003-1450	RES. CF 100Kohm 1/4W J A	1
747	RE15	E-R-0405-3662	0130-7509-1250	RES. CF 75ohm 1/2W J A	1
748	RE16	E-R-0405-3661	0130-5109-1450	RES. CF 51ohm 1/4W J A	1
749	RE17	E-R-0405-5407	0130-3302-1450	RES. CF 33Kohm 1/4W J A	1
750	RE18	E-R-0405-4272	0130-1003-1450	RES. CF 100Kohm 1/4W J A	1
751	RE19	E-R-0405-3662	0130-7509-1250	RES. CF 75ohm 1/2W J A	1
752	RE20	E-R-0405-3661	0130-5109-1450	RES. CF 51ohm 1/4W J A	1
753	RE21	E-R-0405-4240	0130-1002-1850	RES. CF 10Kohm 1/8W J A	1
754	RE22	E-R-0405-5502	0130-1601-1450	RES. CF 1.6Kohm 1/4W J A	1
755	RE24	E-R-0405-6324	0130-4309-1450	RES. CF 43ohm 1/4W J A	1
756	RE25	E-R-0405-3662	0130-7509-1250	RES. CF 75ohm 1/2W J A	1
757	RE26	E-R-0405-4272	0130-1003-1450	RES. CF 100Kohm 1/4W J A	1
758	RE29	E-R-0405-4272	0130-1003-1450	RES. CF 100Kohm 1/4W J A	1
759	RE30	E-R-0405-5407	0130-3302-1450	RES. CF 33Kohm 1/4W J A	1
760	RG01	E-R-0405-4233	0130-1001-1850	RES. CF 1.0Kohm 1/8W J A	1
761	RG02	E-R-0405-5497	0130-1008-1450	RES. CF 1.0ohm 1/4W J A	1
762	RG03	E-R-0405-4260	0130-3301-1850	RES. CF 3.3Kohm 1/8W J A	1
763	RG04	E-R-0405-4233	0130-1001-1850	RES. CF 1.0Kohm 1/8W J A	1
764	RG05	E-R-0405-2929	0130-3302-1850	RES. CF 33Kohm 1/8W J A	1
765	RG06	E-R-0405-6501	0133-3009-0554	RES. MOF(M) 30ohm 5W J R-K	1
766	RG09	E-R-0405-2933	0130-2702-1850	RES. CF 27Kohm 1/8W J A	1
767	RG10	E-R-0405-4261	0130-5601-1850	RES. CF 5.6Kohm 1/8W J A	1
768	RG11	E-R-0405-4240	0130-1002-1850	RES. CF 10Kohm 1/8W J A	1
769	RG12	E-R-0405-5514	0130-4704-1850	RES. CF 4.7Mohm 1/8W J A	1
770	RG13	E-R-0405-4240	0130-1002-1850	RES. CF 10Kohm 1/8W J A	1
771	RG14	E-R-0405-2945	0130-7501-1850	RES. CF 7.5Kohm 1/8W J A	1
772	RG15	E-R-0405-2925	0130-3002-1850	RES. CF 30Kohm 1/8W J A	1
773	RG16	E-R-0405-2909	0130-1803-1850	RES. CF 180Kohm 1/8W J A	1
774	RG17	E-R-0405-2932	0130-3603-1850	RES. CF 360Kohm 1/8W J A	1
775	RG18	E-R-0405-6494	0130-1600-1450	RES. CF 160ohm 1/4W J A	1
776	RG18D	E-D-0403-0531	0390-5000-1052	GEN. DIODE 1N4148 T	1
777	RG20	E-R-0405-4238	0130-4701-1850	RES. CF 4.7Kohm 1/8W J A	1
778	RG21	E-R-0405-6192	0130-2200-1450	RES. CF 220ohm 1/4W J A	1
779	RG22	E-R-0405-5436	0132-2208-0252	RES. MOF 2.2ohm 2W J A-FK	1
780	RG23	E-R-0405-3267	0130-4709-1450	RES. CF 47ohm 1/4W J A	1
781	RG24	E-R-0405-2917	0130-2202-1850	RES. CF 22Kohm 1/8W J A	1
782	RG26	E-R-0405-2917	0130-2202-1850	RES. CF 22Kohm 1/8W J A	1
783	RG27	E-R-0405-4269	0130-1002-1450	RES. CF 10Kohm 1/4W J A	1
784	RG28	E-R-0405-2904	0130-1502-1850	RES. CF 15Kohm 1/8W J A	1
785	RG30	E-R-0405-4233	0130-1001-1850	RES. CF 1.0Kohm 1/8W J A	1
786	RG31	E-R-0405-3267	0130-4709-1450	RES. CF 47ohm 1/4W J A	1
787	RG32	E-R-0405-4272	0130-1003-1450	RES. CF 100Kohm 1/4W J A	1
788	RG33	E-R-0405-5406	0130-3301-1450	RES. CF 3.3Kohm 1/4W J A	1
789	RG34	E-R-0405-4272	0130-1003-1450	RES. CF 100Kohm 1/4W J A	1
790	RG36	E-R-0405-5403	0130-3002-1450	RES. CF 30Kohm 1/4W J A	1
791	RG37	E-R-0405-4261	0130-5601-1850	RES. CF 5.6Kohm 1/8W J A	1
792	RG38	E-R-0405-4238	0130-4701-1850	RES. CF 4.7Kohm 1/8W J A	1
793	RG39	E-R-0405-2903	0130-1501-1850	RES. CF 1.5Kohm 1/8W J A	1
		B-MB-0201-0496	3022-0012-0150	ASS'Y MAIN/PWR/CTRL BD NOKIA 130C	
794	RG40	E-R-0405-4251	0130-1003-1850	RES. CF 100Kohm 1/8W J A	1
795	RG41	E-R-0405-4254	0130-1203-1850	RES. CF 120Kohm 1/8W J A	1
796	RG42	E-R-0405-2349	0130-1001-1250	RES. CF 1.0Kohm 1/2W J A	1
797	RG43	E-R-0405-4233	0130-1001-1850	RES. CF 1.0Kohm 1/8W J A	1
798	RG44	E-R-0405-4240	0130-1002-1850	RES. CF 10Kohm 1/8W J A	1
799	RG45	E-R-0405-4233	0130-1001-1850	RES. CF 1.0Kohm 1/8W J A	1
800	RG46	E-R-0405-4238	0130-4701-1850	RES. CF 4.7Kohm 1/8W J A	1
801	RG47	E-R-0405-6496	0130-6201-1450	RES. CF 6.2Kohm 1/4W J A	1
802	RG49	E-R-0405-6202	0130-9103-1450	RES. CF 910Kohm 1/4W J A	1
803	RG50	E-R-0405-2949	0130-8201-1850	RES. CF 8.2Kohm 1/8W J A	1

ITEM	LOCATION	VSC PART NO.	VENDOR NO.	DESCRIPTION	QTY
804	RG51	E-R-0405-5397	0130-1503-1250	RES. CF 150Kohm 1/2W J A	1
805	RG52	E-R-0405-4274	0130-1001-1450	RES. CF 1.0Kohm 1/4W J A	1
806	RG53	E-R-0405-2907	0130-1801-1850	RES. CF 1.8Kohm 1/8W J A	1
807	RG54	E-R-0405-4265	0130-4709-1850	RES. CF 47ohm 1/8W J A	1
808	RG55	E-R-0405-5401	0130-2002-1450	RES. CF 20Kohm 1/4W J A	1
809	RG56	E-R-0405-4252	0130-1009-1850	RES. CF 10ohm 1/8W J A	1
810	RG57	E-R-0405-4252	0130-1009-1850	RES. CF 10ohm 1/8W J A	1
811	RG58	E-R-0405-6194	0130-2409-1450	RES. CF 24ohm 1/4W J A	1
812	RG59	E-R-0405-5401	0130-2002-1450	RES. CF 20Kohm 1/4W J A	1
813	RG60	E-R-0405-6199	0130-5100-1850	RES. CF 510ohm 1/8W J A	1
814	RG61	E-R-0405-2949	0130-8201-1850	RES. CF 8.2Kohm 1/8W J A	1
815	RG62	E-R-0405-6207	0132-1009-0152	RES. MOF 10ohm 1W J A-FK	1
816	RG63	E-R-0405-5519	0130-6803-1850	RES. CF 680Kohm 1/8W J A	1
817	RG65	E-R-0405-6199	0130-5100-1850	RES. CF 510ohm 1/8W J A	1
818	RG66	E-R-0405-2940	0130-6202-1850	RES. CF 62Kohm 1/8W J A	1
819	RG67	E-R-0405-4261	0130-5601-1850	RES. CF 5.6Kohm 1/8W J A	1
820	RG68	E-R-0405-4240	0130-1002-1850	RES. CF 10Kohm 1/8W J A	1
821	RG69	E-R-0405-6195	0130-2700-1850	RES. CF 270ohm 1/8W J A	1
822	RG70	E-R-0405-4233	0130-1001-1850	RES. CF 1.0Kohm 1/8W J A	1
823	RG71	E-R-0405-3659	0130-3308-1450	RES. CF 3.3ohm 1/4W J A	1
824	RG72	E-R-0405-2922	0130-2701-1850	RES. CF 2.7Kohm 1/8W J A	1
825	RG73	E-R-0405-4252	0130-1009-1850	RES. CF 10ohm 1/8W J A	1
826	RG74	E-R-0405-4233	0130-1001-1850	RES. CF 1.0Kohm 1/8W J A	1
827	RG75	E-R-0405-6199	0130-5100-1850	RES. CF 510ohm 1/8W J A	1
828	RG76	E-R-0405-2940	0130-6202-1850	RES. CF 62Kohm 1/8W J A	1
829	RH01	E-R-0405-2899	0130-1202-1850	RES. CF 12Kohm 1/8W J A	1
830	RH02	E-R-0405-4269	0130-1002-1450	RES. CF 10Kohm 1/4W J A	1
831	RH03	E-R-0405-6498	0131-8251-1810	RES. MF 8.25Kohm 1/8W F A	1
832	RH04	E-R-0405-2943	0130-6801-1850	RES. CF 6.8Kohm 1/8W J A	1
833	RH05	E-R-0405-4274	0130-1001-1450	RES. CF 1.0Kohm 1/4W J A	1
834	RH06	E-R-0405-4254	0130-1203-1850	RES. CF 120Kohm 1/8W J A	1
835	RH07	E-R-0405-3522	0130-1202-1450	RES. CF 12Kohm 1/4W J A	1
836	RH09	E-R-0405-3249	0130-1000-1450	RES. CF 100ohm 1/4W J A	1
837	RH10	E-R-0405-4251	0130-1003-1850	RES. CF 100Kohm 1/8W J A	1
838	RH11	E-R-0405-6493	0130-1103-1450	RES. CF 110Kohm 1/4W J A	1
839	RH12	E-R-0405-2909	0130-1803-1850	RES. CF 180Kohm 1/8W J A	1
840	RH14	E-R-0405-4261	0130-5601-1850	RES. CF 5.6Kohm 1/8W J A	1
841	RH15	E-R-0405-4240	0130-1002-1850	RES. CF 10Kohm 1/8W J A	1
842	RH16	E-R-0405-4252	0130-1009-1850	RES. CF 10ohm 1/8W J A	1
843	RH17	E-R-0405-6196	0130-3900-1250	RES. CF 390ohm 1/2W J A	1
844	RH18	E-R-0405-4274	0130-1001-1450	RES. CF 1.0Kohm 1/4W J A	1
845	RH20	E-R-0405-2929	0130-3302-1850	RES. CF 33Kohm 1/8W J A	1
846	RH21	E-R-0405-4252	0130-1009-1850	RES. CF 10ohm 1/8W J A	1
847	RH22	E-R-0405-4273	0130-8202-1850	RES. CF 82Kohm 1/8W J A	1
848	RH24	E-R-0405-4240	0130-1002-1850	RES. CF 10Kohm 1/8W J A	1
849	RH25	M-WR-0828-0092	0230-5008-0000	JUMPER WIRE 5.0*0.6MM	1
		B-MB-0201-0496	3022-0012-0150	ASS'Y MAIN/PWR/CTRL BD NOKIA 130C	
850	RH26	E-R-0405-4274	0130-1001-1450	RES. CF 1.0Kohm 1/4W J A	1
851	RH27	E-R-0405-4233	0130-1001-1850	RES. CF 1.0Kohm 1/8W J A	1
852	RH28	E-R-0405-6211	0132-4702-0252	RES. MOF 47Kohm 2W J A-FK	1
853	RH30	E-R-0405-4240	0130-1002-1850	RES. CF 10Kohm 1/8W J A	1
854	RH31	E-R-0405-3250	0130-1009-1450	RES. CF 10ohm 1/4W J A	1
855	RH32	E-R-0405-4240	0130-1002-1850	RES. CF 10Kohm 1/8W J A	1
856	RH33	E-R-0405-4268	0130-2209-1450	RES. CF 22ohm 1/4W J A	1
857	RH34	E-R-0405-6210	0132-1208-0252	RES. MOF 1.2ohm 2W J A-FK	1
858	RH41	E-R-0405-5790	0135-1008-0551	RES. CEMENT 1ohm 5W J SQM	1
859	RH42	E-R-0405-6205	0132-0158-0150	RES. MOF 0.15ohm 1W J A	1
860	RH43	E-R-0405-6500	0132-1000-0152	RES. MOF 100ohm 1W J A-FK	1
861	RH44	E-R-0405-3250	0130-1009-1450	RES. CF 10ohm 1/4W J A	1
862	RH45	E-R-0405-4235	0130-4700-1850	RES. CF 470ohm 1/8W J A	1
863	RH46	E-R-0405-3284	0132-1509-0254	RES. MOF 15ohm 2W J R-K	1
864	RH47	E-R-0405-4274	0130-1001-1450	RES. CF 1.0Kohm 1/4W J A	1
865	RH50	E-R-0405-4233	0130-1001-1850	RES. CF 1.0Kohm 1/8W J A	1
866	RH51	E-R-0405-3451	0130-2709-1450	RES. CF 27ohm 1/4W J A	1
867	RH52	E-R-0405-6215	0133-2008-0552	RES. MOF(M) 2ohm 5W J A-FK	1
868	RH53	E-R-0405-0436	0130-4700-1250	RES. CF 470ohm 1/2W J A	1
869	RH54	E-R-0405-3267	0130-4709-1450	RES. CF 47ohm 1/4W J A	1
870	RH55	E-R-0405-3281	0132-1000-0252	RES. MOF 100ohm 2W J A-FK	1
871	RH56	E-R-0405-4233	0130-1001-1850	RES. CF 1.0Kohm 1/8W J A	1
872	RH57	E-R-0405-4240	0130-1002-1850	RES. CF 10Kohm 1/8W J A	1

ITEM	LOCATION	VSC PART NO.	VENDOR NO.	DESCRIPTION	QTY
873	RH58	E-R-0405-4240	0130-1002-1850	RES. CF 10Kohm 1/8W J A	1
874	RH59	E-R-0405-5436	0132-2208-0252	RES. MOF 2.2ohm 2W J A-FK	1
875	RH60	E-R-0405-6215	0133-2008-0552	RES. MOF(M) 2ohm 5W J A-FK	1
876	RH61	E-R-0405-4240	0130-1002-1850	RES. CF 10Kohm 1/8W J A	1
877	RH62	E-R-0405-2912	0130-2001-1850	RES. CF 2.0Kohm 1/8W J A	1
878	RH63	E-R-0405-3261	0130-3309-1450	RES. CF 33ohm 1/4W J A	1
879	RH64	E-R-0405-4238	0130-4701-1850	RES. CF 4.7Kohm 1/8W J A	1
880	RH65	E-R-0405-5402	0130-2202-1450	RES. CF 22Kohm 1/4W J A	1
881	RH66	E-R-0405-5402	0130-2202-1450	RES. CF 22Kohm 1/4W J A	1
882	RH67	E-R-0405-5402	0130-2202-1450	RES. CF 22Kohm 1/4W J A	1
883	RH68	E-R-0405-5402	0130-2202-1450	RES. CF 22Kohm 1/4W J A	1
884	RH69	E-R-0405-6343	0132-5609-0154	RES. MOF 56ohm 1W J R-K	1
885	RH70	M-WR-0828-0088	0230-1509-0000	JUMPER WIRE 15*0.6MM	1
886	RH71	E-R-0405-4265	0130-4709-1850	RES. CF 47ohm 1/8W J A	1
887	RH72	E-R-0405-2939	0130-4702-1850	RES. CF 47Kohm 1/8W J A	1
888	RH73	E-R-0405-4274	0130-1001-1450	RES. CF 1.0Kohm 1/4W J A	1
889	RH74	E-R-0405-4274	0130-1001-1450	RES. CF 1.0Kohm 1/4W J A	1
890	RH75	E-R-0405-4274	0130-1001-1450	RES. CF 1.0Kohm 1/4W J A	1
891	RH76	E-R-0405-5538	0131-3012-1410	RES. MF 30.1Kohm 1/4W F A	1
892	RH77	E-R-0405-4238	0130-4701-1850	RES. CF 4.7Kohm 1/8W J A	1
893	RH78	E-R-0405-4260	0130-3301-1850	RES. CF 3.3Kohm 1/8W J A	1
894	RH79	E-R-0405-4274	0130-1001-1450	RES. CF 1.0Kohm 1/4W J A	1
895	RH80	E-R-0405-4240	0130-1002-1850	RES. CF 10Kohm 1/8W J A	1
896	RH81	E-R-0405-5402	0130-2202-1450	RES. CF 22Kohm 1/4W J A	1
897	RH82	E-R-0405-5509	0130-2403-1450	RES. CF 240Kohm 1/4W J A	1
898	RLA01	E-RL-0414-0032	0252-1250-2012	RELAY 2POLES 250V/5A/12VDC ST	1
899	RLH01	E-RL-0414-0091	0251-1212-0017	RELAY 1POLES 240V/15A/12VDC/320	1
900	RX01	E-R-0405-4248	0130-1000-1850	RES. CF 100ohm 1/8W J A	1
901	RX02	E-R-0405-4248	0130-1000-1850	RES. CF 100ohm 1/8W J A	1
902	RX03	E-R-0405-4235	0130-4700-1850	RES. CF 470ohm 1/8W J A	1
903	RX04	E-R-0405-4235	0130-4700-1850	RES. CF 470ohm 1/8W J A	1
904	RX05	E-R-0405-3451	0130-2709-1450	RES. CF 27ohm 1/4W J A	1
905	RX06	E-R-0405-3451	0130-2709-1450	RES. CF 27ohm 1/4W J A	1
		B-MB-0201-0496	3022-0012-0150	ASS'Y MAIN/PWR/CTRL BD NOKIA 130C	
906	RX07	E-R-0405-4235	0130-4700-1850	RES. CF 470ohm 1/8W J A	1
907	RX08	E-R-0405-4235	0130-4700-1850	RES. CF 470ohm 1/8W J A	1
908	RX09	E-R-0405-3451	0130-2709-1450	RES. CF 27ohm 1/4W J A	1
909	RX10	E-R-0405-3451	0130-2709-1450	RES. CF 27ohm 1/4W J A	1
910	RX11	E-R-0405-4235	0130-4700-1850	RES. CF 470ohm 1/8W J A	1
911	RX12	E-R-0405-4235	0130-4700-1850	RES. CF 470ohm 1/8W J A	1
912	RX13	E-R-0405-3451	0130-2709-1450	RES. CF 27ohm 1/4W J A	1
913	RX14	E-R-0405-3451	0130-2709-1450	RES. CF 27ohm 1/4W J A	1
914	RX15	E-R-0405-4235	0130-4700-1850	RES. CF 470ohm 1/8W J A	1
915	RX16	E-R-0405-4235	0130-4700-1850	RES. CF 470ohm 1/8W J A	1
916	RX17	E-R-0405-3451	0130-2709-1450	RES. CF 27ohm 1/4W J A	1
917	RX18	E-R-0405-3451	0130-2709-1450	RES. CF 27ohm 1/4W J A	1
918	SWA01B	M-MS-0808-4661	1712-0100-0470	AC BRACKET AT1099DA	1
919	TA01	M-FT-0827-0013	0352-0200-0010	LINE FILTER BF-28 15MH-15MH	1
920	TA02	E-T-0408-0342	0350-0419-0030	X'FMR EEL19 5.5MH AT1099DA	1
921	TA03	E-T-0408-0388	0350-0242-0090	X'FMR EE4215 105uH (21"&22")	1
922	TA04	E-T-0408-0205	0353-0600-0010	X'FMR SYNC UU10.5 1.75-1.75MH	1
923	TG01	E-FBT-0406-0229	0480-0000-0110	F.B.T. 27.5KV 6000PF (CF1853)	1
924	TG02	E-T-0408-0232	0351-0125-0020	X'FMR EI25 24:240 TS	1
925	THA02	E-R-0405-5536	0161-8092-0030	POSISTOR 8ohm 20A 2P	1
926	THA03	M-MS-0808-5903	0160-5091-0020	NTCR SCK-0510 5ohm 10A F7.5	1
927	TH02	E-T-0408-0251	0351-0213-0010	X'FMR EE13 35MH 250:1	1
928	TH03	E-T-0408-0229	0351-0122-0010	X'FMR DRIVE EI22 2MH-80UH	1
929	TPG01	M-MS-0808-6596	0291-1000-1000	TEST PIN 1.00(D)*26.3(L)mm 1P	1
930	VRG01	E-R-0405-2998	0151-1033-1002	SVR M/STAND/B 10Kohm B 6	1
931	VRH01	E-R-0405-2997	0151-1023-1001	SVR M/STAND/B 1Kohm B 6	1
932	VRH02	E-R-0405-3000	0151-2023-1001	SVR M/STAND/B 2Kohm B 6	1
933	WA01	M-MS-0808-1859	0262-0000-0012	AC SOCKET 0714C PCB TYPE	1
934	WA01W	M-MS-0808-4845	0460-1701-0041	WH SRA4.3@ 60MM 1015#18 G/Y	1
935	WA02	M-MS-0808-2136	0451-1000-0294	WAFER 10MM 2P/WHITE	1
936	WA03	M-MS-0808-0065	0451-3963-0154	WAFER 3.96MM 3P-1 180'	1
937	WA06	M-MS-0808-5907	0460-1102-0020	WH XH2P-SCN2P 1185#26 280MM	1
938	WA08	M-MS-0808-6135	0451-2500-1502	WAFER 2.50mm 15P 180' KINK	1
939	WA08PB	B-SB-0221-0257	3021-0042-0157	ASS'Y POWER FACTOR BD GS815-2	1
940	WB01	M-MS-0808-6600	0460-1112-0070	WH XH12P-SCN12/XH5P 1007#24 180/220mm CORE*1	1

ITEM	LOCATION	VSC PART NO.	VENDOR NO.	DESCRIPTION	QTY
941	WC01	M-MS-0808-4841	0451-2500-0414	WAFER 2.50MM 4P 180' KINK	1
942	WC08	M-MS-0808-6599	0460-1108-0070	WH ECI-2530 8P/6P/2P/ 1007#24 150/170MM	1
943	WE01	M-MS-0808-1856	0451-2500-0214	WAFER 2.50MM 2P 180' KINK	1
944	WE02	M-MS-0808-1856	0451-2500-0214	WAFER 2.50MM 2P 180' KINK	1
945	WE03	M-MS-0808-1856	0451-2500-0214	WAFER 2.50MM 2P 180' KINK	1
946	WE04	M-MS-0808-1858	0451-2500-0314	WAFER 2.50MM 3P 180' KINK	1
947	WG01	M-MS-0808-1867	0459-2540-0277	PIN HEADER 2.54MM2P 180'11.6MM	1
948	WH02	M-MS-0808-0065	0451-3963-0154	WAFER 3.96MM 3P-1 180'	1
949	WH03	M-MS-0808-4645	0451-3960-0654	WAFER 3.96MM 6P 180'	1
950	WH05	M-MS-0808-0065	0451-3963-0154	WAFER 3.96MM 3P-1 180'	1
951	WH05R	E-R-0405-6502	0135-5608-2053	RES. CENMENT 5.6ohm 20W J SQHG	1
952	WH05S	M-SCW-0824-0150	1724-2603-0602	SCREW,BTCW,M3.0X6L,ZN-CC	22
953	WH05W	M-MS-0808-5910	0460-1203-0100	WH VHR3P 1015#18 120/100MM BLACK	1
954	WX01	M-MS-0808-1856	0451-2500-0214	WAFER 2.50MM 2P 180' KINK	1
955	WX02	M-MS-0808-1856	0451-2500-0214	WAFER 2.50MM 2P 180' KINK	1
956	WX03	M-MS-0808-1856	0451-2500-0214	WAFER 2.50MM 2P 180' KINK	1
957	WX04	M-MS-0808-1856	0451-2500-0214	WAFER 2.50MM 2P 180' KINK	1
958	XTAC01	E-X-0415-0109	0280-1000-0015	XTAL 10MHZ 49/U 30PPM 30PF 1MW	1
959	ZDA02	E-D-0403-1579	0400-1751-2000	ZENER 18-2 17.5-18.3V 1/2W	1
960	ZDA03	E-D-0403-1646	0400-2361-2000	ZENER 24-2 23.6-24.3V 1/2W	1
961	ZDA04	E-D-0403-1184	0400-0891-2000	ZENER 9C1 8.9-9.3V 1/2W	1
		B-MB-0201-0496	3022-0012-0150	ASS'Y MAIN/PWR/CTRL BD NOKIA 130C	
962	ZDB01	E-D-0403-1724	0400-3421-2000	ZENER 36-1 34.2-35.7V 1/2W	1
963	ZDC02	E-D-0403-1182	0400-0581-2000	ZENER 6C1 5.8-6.1V 1/2W	1
964	ZDC03	E-D-0403-1182	0400-0581-2000	ZENER 6C1 5.8-6.1V 1/2W	1
965	ZDH01	E-D-0403-1185	0400-1261-2000	ZENER 12B2 12.6-13.1V 1/2W	1
966	ZDH04	E-D-0403-1185	0400-1261-2000	ZENER 12B2 12.6-13.1V 1/2W	1
		B-VB-0202-0291	3022-0012-0151	VIDEO BD ASS'Y NOKIA 130C	
967		B-VB-0202-0303	0171-1441-0233	PCB VIDEO BD FR-4 150x120mmx1.6t	1
968		M-MS-0808-6604	1701-0900-0171	MYLAR 102x40x0.35mm	1
969		M-MS-0808-1182	1701-1100-0100	SILICON RUBBER/TO-3P3	1
970		M-SCW-0824-0199	1724-2603-0802	SCREW,BTCW,M3.0X8L,ZZ-CC	2
971		B-SB-0221-0297	3022-0012-0141	ASS'Y PURITY BD NOKIA 130C	1
972	CV01	E-C-0404-1899	0101-1109-1511	E/C GEN. 1.0UF 50V 105'F	1
973	CV02	E-C-0404-1899	0101-1109-1511	E/C GEN. 1.0UF 50V 105'F	1
974	CV03	E-C-0404-1899	0101-1109-1511	E/C GEN. 1.0UF 50V 105'F	1
975	CV04	E-C-0404-1892	0101-1101-1211	E/C GEN. 100UF 16V 105' F	1
976	CV05	E-C-0404-4039	0101-1470-1511	E/C GEN. 47UF 50V 105' F	1
977	CV06	E-C-0404-1899	0101-1109-1511	E/C GEN. 1.0UF 50V 105'F	1
978	CV07	E-C-0404-1905	0101-1221-1211	E/C GEN. 220UF 16V 105' F	1
979	CV08	E-C-0404-3546	0111-3822-5115	C/M MULTI 8200PF 50V X7R 0805	1
980	CV10	E-C-0404-4153	0101-1220-2112	E/C GEN. 22UF 160V 105' K	1
981	CV14	E-C-0404-1966	0111-1103-5222	C/C DISK 0.01UF 500V Z5U F-K	1
982	CV15	E-C-0404-3544	0111-2330-5202	C/C DISK 33PF 500V NPO F-K	1
983	CV16	E-C-0404-1966	0111-1103-5222	C/C DISK 0.01UF 500V Z5U F-K	1
984	CV17	E-C-0404-2162	0101-1101-2012	E/C GEN. 100UF 100V 105' K	1
985	CV18	E-C-0404-1792	0111-3104-5135	C/M MULTI 0.1UF 50V Y5V 0805	1
986	CV20	E-C-0404-3599	0111-3103-5115	C/M MULTI 0.01UF 50V X7R 0805	1
987	CV24	E-C-0404-1814	0111-3220-5105	C/M MULTI 22PF 50V NPO 0805	1
988	CV25	E-C-0404-1814	0111-3220-5105	C/M MULTI 22PF 50V NPO 0805	1
989	CV26	E-C-0404-1964	0101-3109-2311	E/C N-P. 1UF 250V 105' F	1
990	CV27	E-C-0404-1964	0101-3109-2311	E/C N-P. 1UF 250V 105' F	1
991	CV28	E-C-0404-1964	0101-3109-2311	E/C N-P. 1UF 250V 105' F	1
992	CV30	E-C-0404-4152	0101-1109-2111	E/C GEN. 1.0UF 160V 105' F	1
993	CV31	E-C-0404-4152	0101-1109-2111	E/C GEN. 1.0UF 160V 105' F	1
994	CV32	E-C-0404-4152	0101-1109-2111	E/C GEN. 1.0UF 160V 105' F	1
995	CV34	E-C-0404-1875	0101-1100-1511	E/C GEN. 10UF 50V 105' F	1
996	CV37	E-C-0404-1792	0111-3104-5135	C/M MULTI 0.1UF 50V Y5V 0805	1
997	CV38	E-C-0404-1965	0111-1103-2322	C/C DISK 0.01UF 2KV Z5U F-K	1
998	CV39	E-C-0404-1667	0120-3472-6331	P/C PPN 0.0047UF 630V J F-K	1
999	CV40	E-C-0404-1792	0111-3104-5135	C/M MULTI 0.1UF 50V Y5V 0805	1
1000	CV41	E-C-0404-1892	0101-1101-1211	E/C GEN. 100UF 16V 105' F	1
1001	CV42	E-C-0404-1792	0111-3104-5135	C/M MULTI 0.1UF 50V Y5V 0805	1
1002	CV43	E-C-0404-1892	0101-1101-1211	E/C GEN. 100UF 16V 105' F	1
1003	CV48	E-C-0404-1810	0111-3101-5105	C/M MULTI 100PF 50V NPO 0805	1
1004	CV49	E-C-0404-1814	0111-3220-5105	C/M MULTI 22PF 50V NPO 0805	1
1005	CV50	E-C-0404-1792	0111-3104-5135	C/M MULTI 0.1UF 50V Y5V 0805	1
1006	CV51	E-C-0404-1814	0111-3220-5105	C/M MULTI 22PF 50V NPO 0805	1

ITEM	LOCATION	VSC PART NO.	VENDOR NO.	DESCRIPTION	QTY
1007	CV55	E-C-0404-1969	0111-3331-5105	C/M MULTI 330PF 50V NPO 0805	1
1008	CV56	E-C-0404-1809	0111-1104-5102	C/C DISK 0.1UF 50V Y5V F-K	1
1009	CV58	E-C-0404-1969	0111-3331-5105	C/M MULTI 330PF 50V NPO 0805	1
1010	CV61	E-C-0404-1966	0111-1103-5222	C/C DISK 0.01UF 500V Z5U F-K	1
1011	CV62	E-C-0404-1922	0111-1101-5212	C/C DISK 100PF 500V Y5P F-K	1
1012	CV64	E-C-0404-1792	0111-3104-5135	C/M MULTI 0.1UF 50V Y5V 0805	1
1013	CV65	E-C-0404-1792	0111-3104-5135	C/M MULTI 0.1UF 50V Y5V 0805	1
1014	CV66	E-C-0404-1792	0111-3104-5135	C/M MULTI 0.1UF 50V Y5V 0805	1
1015	CV68	E-C-0404-3700	0101-1100-1311	E/C GEN. 10UF 25V 105' F	1
1016	CV69	E-C-0404-1905	0101-1221-1211	E/C GEN. 220UF 16V 105' F	1
1017	CV70	E-C-0404-1792	0111-3104-5135	C/M MULTI 0.1UF 50V Y5V 0805	1
1018	CV71	E-C-0404-3495	0101-3229-1511	E/C N-P 2.2UF 50V 105' F	1
1019	CV72	E-C-0404-1917	0101-1479-1511	E/C GEN. 4.7UF 50V 105' F	1
1020	CV76	E-C-0404-1792	0111-3104-5135	C/M MULTI 0.1UF 50V Y5V 0805	1
1021	CV77	E-C-0404-1796	0111-3224-5135	C/M MULTI 0.22UF 50V Y5V 0805	1
1022	CV78	E-C-0404-1970	0111-3472-5115	C/M MULTI 4700PF 50V X7R 0805	1
		B-VB-0202-0291	3022-0012-0151	VIDEO BD ASS'Y NOKIA 130C	
1023	CV81	E-C-0404-1966	0111-1103-5222	C/C DISK 0.01UF 500V Z5U F-K	1
1024	CV84	E-R-0405-2048	0130-1000-1858	RES. CF 100ohm 1/8W J 0805	1
1025	CV87	E-C-0404-1792	0111-3104-5135	C/M MULTI 0.1UF 50V Y5V 0805	1
1026	CV88	E-C-0404-4156	0111-3479-5105	C/M MULTI 4.7PF 50V NPO 0805	1
1027	DV01	E-D-0403-0531	0390-5000-1052	GEN. DIODE 1N4148 T	1
1028	DV02	E-D-0403-0531	0390-5000-1052	GEN. DIODE 1N4148 T	1
1029	DV03	E-D-0403-1255	0390-5000-9132	GEN. DIODE BAV21 T	1
1030	DV04	E-D-0403-1179	0390-5000-3202	GEN. DIODE 1N4002F T	1
1031	DV05	E-D-0403-1255	0390-5000-9132	GEN. DIODE BAV21 T	1
1032	DV06	E-D-0403-1255	0390-5000-9132	GEN. DIODE BAV21 T	1
1033	DV07	E-D-0403-0531	0390-5000-1052	GEN. DIODE 1N4148 T	1
1034	DV08	E-D-0403-0531	0390-5000-1052	GEN. DIODE 1N4148 T	1
1035	DV09	E-D-0403-0531	0390-5000-1052	GEN. DIODE 1N4148 T	1
1036	DV12	E-D-0403-0531	0390-5000-1052	GEN. DIODE 1N4148 T	1
1037	DV13	E-D-0403-0531	0390-5000-1052	GEN. DIODE 1N4148 T	1
1038	DV14	E-D-0403-0531	0390-5000-1052	GEN. DIODE 1N4148 T	1
1039	DV15	E-D-0403-0531	0390-5000-1052	GEN. DIODE 1N4148 T	1
1040	DV16	E-D-0403-0531	0390-5000-1052	GEN. DIODE 1N4148 T	1
1041	DV18	E-D-0403-1753	0390-5000-6202	GEN. DIODE 1N4003F T	1
1042	DV20	E-D-0403-0531	0390-5000-1052	GEN. DIODE 1N4148 T	1
1043	ICV01	E-IC-0401-2190	0430-4006-6402	IC M52742ASP SDIP 36PIN	1
1044	ICV02	E-IC-0401-2158	0430-4006-3104	IC LM2412T DIP 11PIN	1
1045	ICV02H	M-MS-0808-6152	1712-0300-0223	VIDEO BD HEAT SINK	1
1046	ICV02S	M-SCW-0824-0432	1724-2603-1202	SCREW,BTCW,M3.0X12L,ZN-CC	1
1047	ICV05	E-IC-0401-1820	0430-7003-9141	IC D1642 DIP 16PIN V3.0	1
1048	ICV06	E-IC-0401-0080	0430-4000-6104	IC LM324N DIP-14	1
1049	JV01	M-WR-0828-0092	0230-5008-0000	JUMPER WIRE 5.0*0.6MM	1
1050	JV06	E-R-0405-4260	0130-3301-1850	RES. CF 3.3Kohm 1/8W J A	1
1051	LV01	E-L-0407-1313	0344-2280-0501	PEAKING COIL 0.22uH 1/4W J A-T	1
1052	LV02	E-L-0407-1313	0344-2280-0501	PEAKING COIL 0.22uH 1/4W J A-T	1
1053	LV03	E-L-0407-1313	0344-2280-0501	PEAKING COIL 0.22uH 1/4W J A-T	1
1054	LV04	E-L-0407-0551	0344-3390-0601	PEAKING COIL 3.3UH 1/4W K A-T	1
1055	LV05	M-WR-0828-0145	0230-1259-0000	JUMPER WIRE 12.5*0.6mm	1
1056	LV06	E-L-0407-0615	0370-0000-1210	FERRITE CORE A6 RH 3.5X9X0.8-T52	1
1057	LV07	E-L-0407-0615	0370-0000-1210	FERRITE CORE A6 RH 3.5X9X0.8-T52	1
1058	LV10	E-L-0407-0556	0370-0000-1110	FERRITE CORE W8 R6H 6X10 2 1/2 T	1
1059	LV11	M-WR-0828-0086	0230-1009-0000	JUMPER WIRE 10*0.6mm	1
1060	LV12	E-R-0405-3250	0130-1009-1450	RES. CF 10ohm 1/4W J A	1
1061	LV13	E-L-0407-0615	0370-0000-1210	FERRITE CORE A6 RH 3.5X9X0.8-T52	1
1062	LV14	E-L-0407-0615	0370-0000-1210	FERRITE CORE A6 RH 3.5X9X0.8-T52	1
1063	LV15	E-L-0407-0551	0344-3390-0601	PEAKING COIL 3.3UH 1/4W K A-T	1
1064	LV16	E-L-0407-0615	0370-0000-1210	FERRITE CORE A6 RH 3.5X9X0.8-T52	1
1065	LV17	E-L-0407-1312	0340-1010-0601	PEAKING COIL 100UH 1/2W K A-T	1
1066	QV01	E-Q-0402-1362	0410-2001-7106	TRANSISTOR 2SC1906TZ TO-92 (30V 50mA)	1
1067	QV02	E-Q-0402-1362	0410-2001-7106	TRANSISTOR 2SC1906TZ TO-92 (30V 50mA)	1
1068	QV03	E-Q-0402-0669	0410-2000-1110	TRANSISTOR 2SC945P TO-92 T	1
1069	QV04	E-Q-0402-0424	0410-4000-3105	TRANSISTOR BF422 TO-92 T	1
1070	QV05	E-Q-0402-0424	0410-4000-3105	TRANSISTOR BF422 TO-92 T	1
1071	QV06	E-Q-0402-0424	0410-4000-3105	TRANSISTOR BF422 TO-92 T	1
1072	QV07	E-Q-0402-1362	0410-2001-7106	TRANSISTOR 2SC1906TZ TO-92 (30V 50mA)	1
1073	RV01	E-R-0405-2890	0130-1001-1858	RES. CF 1.0Kohm 1/8W J 0805	1
1074	RV02	E-R-0405-2890	0130-1001-1858	RES. CF 1.0Kohm 1/8W J 0805	1
1075	RV03	E-R-0405-2890	0130-1001-1858	RES. CF 1.0Kohm 1/8W J 0805	1

ITEM	LOCATION	VSC PART NO.	VENDOR NO.	DESCRIPTION	QTY
1076	RV04	E-R-0405-2937	0130-4700-1858	RES. CF 470ohm 1/8W J 0805	1
1077	RV05	E-R-0405-2048	0130-1000-1858	RES. CF 100ohm 1/8W J 0805	1
1078	RV06	E-R-0405-5780	0130-1800-1858	RES. CF 180ohm 1/8W J 0805	1
		B-VB-0202-0291	3022-0012-0151	VIDEO BD ASS'Y NOKIA 130C	
1079	RV07	E-R-0405-2048	0130-1000-1858	RES. CF 100ohm 1/8W J 0805	1
1080	RV08	E-R-0405-2048	0130-1000-1858	RES. CF 100ohm 1/8W J 0805	1
1081	RV09	E-R-0405-2048	0130-1000-1858	RES. CF 100ohm 1/8W J 0805	1
1082	RV10	E-R-0405-3159	0130-4709-1858	RES. CF 47ohm 1/8W J 0805	1
1083	RV101	E-R-0405-6339	0130-5609-1858	RES. CF 56ohm 1/8W J 0805	1
1084	RV102	E-R-0405-6339	0130-5609-1858	RES. CF 56ohm 1/8W J 0805	1
1085	RV103	E-R-0405-6339	0130-5609-1858	RES. CF 56ohm 1/8W J 0805	1
1086	RV105	E-R-0405-6336	0130-4301-1858	RES. CF 4.3Kohm 1/8W J 0805	1
1087	RV109	E-R-0405-4244	0130-3309-1858	RES. CF 33ohm 1/8W J 0805	1
1088	RV11	E-R-0405-3159	0130-4709-1858	RES. CF 47ohm 1/8W J 0805	1
1089	RV114	E-R-0405-4244	0130-3309-1858	RES. CF 33ohm 1/8W J 0805	1
1090	RV115	E-R-0405-4244	0130-3309-1858	RES. CF 33ohm 1/8W J 0805	1
1091	RV116	E-R-0405-4244	0130-3309-1858	RES. CF 33ohm 1/8W J 0805	1
1092	RV12	E-R-0405-2937	0130-4700-1858	RES. CF 470ohm 1/8W J 0805	1
1093	RV13	E-R-0405-2937	0130-4700-1858	RES. CF 470ohm 1/8W J 0805	1
1094	RV14	E-R-0405-2937	0130-4700-1858	RES. CF 470ohm 1/8W J 0805	1
1095	RV15	E-R-0405-4244	0130-3309-1858	RES. CF 33ohm 1/8W J 0805	1
1096	RV16	E-R-0405-5537	0130-1803-1450	RES. CF 180Kohm 1/4W J A	1
1097	RV17	E-R-0405-2900	0130-1203-1858	RES. CF 120Kohm 1/8W J 0805	1
1098	RV18	E-R-0405-5456	0130-1501-1858	RES. CF 1.5Kohm 1/8W J 0805	1
1099	RV19	E-R-0405-6330	0130-1004-1858	RES. CF 1.0Mohm 1/8W J 0805	1
1100	RV20	E-R-0405-3165	0130-8209-1858	RES. CF 82ohm 1/8W J 0805	1
1101	RV21	E-R-0405-6330	0130-1004-1858	RES. CF 1.0Mohm 1/8W J 0805	1
1102	RV22	E-R-0405-6332	0130-1801-1858	RES. CF 1.8Kohm 1/8W J 0805	1
1103	RV23	E-R-0405-6330	0130-1004-1858	RES. CF 1.0Mohm 1/8W J 0805	1
1104	RV24	E-R-0405-3522	0130-1202-1450	RES. CF 12Kohm 1/4W J A	1
1105	RV25	E-R-0405-4242	0130-2001-1858	RES. CF 2.0Kohm 1/8W J 0805	1
1106	RV26	E-R-0405-3165	0130-8209-1858	RES. CF 82ohm 1/8W J 0805	1
1107	RV27	E-R-0405-3165	0130-8209-1858	RES. CF 82ohm 1/8W J 0805	1
1108	RV28	E-R-0405-3408	0130-1200-1450	RES. CF 120ohm 1/4W J A	1
1109	RV29	E-R-0405-2938	0130-4701-1858	RES. CF 4.7Kohm 1/8W J 0805	1
1110	RV30	E-R-0405-3408	0130-1200-1450	RES. CF 120ohm 1/4W J A	1
1111	RV31	E-R-0405-3408	0130-1200-1450	RES. CF 120ohm 1/4W J A	1
1112	RV32	E-C-0404-1792	0111-3104-5135	C/M MULTI 0.1UF 50V Y5V 0805	1
1113	RV33	E-R-0405-5537	0130-1803-1450	RES. CF 180Kohm 1/4W J A	1
1114	RV34	E-R-0405-5537	0130-1803-1450	RES. CF 180Kohm 1/4W J A	1
1115	RV35	E-R-0405-6337	0130-5600-1450	RES. CF 560ohm 1/4W J A	1
1116	RV36	E-R-0405-2927	0130-3300-1858	RES. CF 330ohm 1/8W J 0805	1
1117	RV37	E-R-0405-2927	0130-3300-1858	RES. CF 330ohm 1/8W J 0805	1
1118	RV38	E-R-0405-2927	0130-3300-1858	RES. CF 330ohm 1/8W J 0805	1
1119	RV42	E-R-0405-2938	0130-4701-1858	RES. CF 4.7Kohm 1/8W J 0805	1
1120	RV43	E-R-0405-2890	0130-1001-1858	RES. CF 1.0Kohm 1/8W J 0805	1
1121	RV44	E-R-0405-6334	0130-2203-1858	RES. CF 220Kohm 1/8W J 0805	1
1122	RV45	E-R-0405-3249	0130-1000-1450	RES. CF 100ohm 1/4W J A	1
1123	RV46	E-R-0405-6334	0130-2203-1858	RES. CF 220Kohm 1/8W J 0805	1
1124	RV47	E-R-0405-6334	0130-2203-1858	RES. CF 220Kohm 1/8W J 0805	1
1125	RV48	E-R-0405-2048	0130-1000-1858	RES. CF 100ohm 1/8W J 0805	1
1126	RV53	E-R-0405-5407	0130-3302-1450	RES. CF 33Kohm 1/4W J A	1
1127	RV54	E-R-0405-5407	0130-3302-1450	RES. CF 33Kohm 1/4W J A	1
1128	RV55	E-R-0405-5407	0130-3302-1450	RES. CF 33Kohm 1/4W J A	1
1129	RV56	E-R-0405-6330	0130-1004-1858	RES. CF 1.0Mohm 1/8W J 0805	1
1130	RV57	E-R-0405-6330	0130-1004-1858	RES. CF 1.0Mohm 1/8W J 0805	1
1131	RV58	E-R-0405-6330	0130-1004-1858	RES. CF 1.0Mohm 1/8W J 0805	1
1132	RV59	E-R-0405-2900	0130-1203-1858	RES. CF 120Kohm 1/8W J 0805	1
1133	RV60	E-R-0405-2900	0130-1203-1858	RES. CF 120Kohm 1/8W J 0805	1
1134	RV61	E-R-0405-2900	0130-1203-1858	RES. CF 120Kohm 1/8W J 0805	1
		B-VB-0202-0291	3022-0012-0151	VIDEO BD ASS'Y NOKIA 130C	
1135	RV62	E-R-0405-5390	0130-1003-1250	RES. CF 100Kohm 1/2W J A	1
1136	RV63	E-R-0405-2349	0130-1001-1250	RES. CF 1.0Kohm 1/2W J A	1
1137	RV66	E-R-0405-2937	0130-4700-1858	RES. CF 470ohm 1/8W J 0805	1
1138	RV67	E-R-0405-2937	0130-4700-1858	RES. CF 470ohm 1/8W J 0805	1
1139	RV68	E-R-0405-2937	0130-4700-1858	RES. CF 470ohm 1/8W J 0805	1
1140	RV69	E-R-0405-4244	0130-3309-1858	RES. CF 33ohm 1/8W J 0805	1
1141	RV70	E-R-0405-3182	0130-1002-1858	RES. CF 10Kohm 1/8W J 0805	1

ITEM	LOCATION	VSC PART NO.	VENDOR NO.	DESCRIPTION	QTY
1142	RV71	E-R-0405-3182	0130-1002-1858	RES. CF 10Kohm 1/8W J 0805	1
1143	RV72	E-R-0405-3182	0130-1002-1858	RES. CF 10Kohm 1/8W J 0805	1
1144	RV73	E-R-0405-2928	0130-3301-1858	RES. CF 3.3Kohm 1/8W J 0805	1
1145	RV74	E-R-0405-3159	0130-4709-1858	RES. CF 47ohm 1/8W J 0805	1
1146	RV75	E-R-0405-3159	0130-4709-1858	RES. CF 47ohm 1/8W J 0805	1
1147	RV77	E-R-0405-2928	0130-3301-1858	RES. CF 3.3Kohm 1/8W J 0805	1
1148	RV81	E-R-0405-2890	0130-1001-1858	RES. CF 1.0Kohm 1/8W J 0805	1
1149	RV83	E-R-0405-3302	0130-3909-1450	RES. CF 39ohm 1/4W J A	1
1150	RV84	E-R-0405-3302	0130-3909-1450	RES. CF 39ohm 1/4W J A	1
1151	RV85	E-R-0405-3302	0130-3909-1450	RES. CF 39ohm 1/4W J A	1
1152	RV86	E-R-0405-2916	0130-2201-1858	RES. CF 2.2Kohm 1/8W J 0805	1
1153	RV87	E-R-0405-2938	0130-4701-1858	RES. CF 4.7Kohm 1/8W J 0805	1
1154	RV89	E-R-0405-2048	0130-1000-1858	RES. CF 100ohm 1/8W J 0805	1
1155	RV91	E-R-0405-4920	0130-4302-1858	RES. CF 43Kohm 1/8W J 0805	1
1156	RV92	E-R-0405-3182	0130-1002-1858	RES. CF 10Kohm 1/8W J 0805	1
1157	RV94	E-R-0405-4244	0130-3309-1858	RES. CF 33ohm 1/8W J 0805	1
1158	RV95	E-R-0405-6338	0130-5602-1858	RES. CF 56Kohm 1/8W J 0805	1
1159	RV96	E-R-0405-6336	0130-4301-1858	RES. CF 4.3Kohm 1/8W J 0805	1
1160	RV97	E-R-0405-6336	0130-4301-1858	RES. CF 4.3Kohm 1/8W J 0805	1
1161	RV98	E-R-0405-4244	0130-3309-1858	RES. CF 33ohm 1/8W J 0805	1
1162	RV99	E-R-0405-4244	0130-3309-1858	RES. CF 33ohm 1/8W J 0805	1
1163	SGV01	E-SP-0417-0075	0270-0002-0140	SPARK GAP 200V T	1
1164	SGV02	E-SP-0417-0075	0270-0002-0140	SPARK GAP 200V T	1
1165	SGV03	E-SP-0417-0075	0270-0002-0140	SPARK GAP 200V T	1
1166	SGV04	E-SP-0417-0054	0270-0001-2220	SPARK GAP 1.2KV A	1
1167	SGV05	E-SP-0417-0078	0270-0003-0104	SPARK GAP 300V T R	1
1168	WV01	M-MS-0808-4842	0451-2500-0744	WAFER 2.50MM 7P 90' KINK	1
1169	WV02	M-MS-0808-1768	0451-2500-1244	WAFER 2.50MM 12P 90' KINK	1
1170	WV04	M-MS-0808-1171	0452-1000-0296	WAFER 10MM 2P(BLACK)	1
1171	WV05	M-MS-0808-4839	0261-0000-0054	CRT SOCKET ISDW02S MITSUBISHI	1
1172	WV08	M-MS-0808-5906	0451-2500-0244	WAFER 2.50MM 2P 90' KINK	1
		M-MS-0808-6612	3022-0012-0319	SHIELING ASS'Y NOKIA 130C	
1173		M-MS-0808-6607	1712-0100-1650	BRACKET FRONT RIGHT	1
1174		M-MS-0808-6608	1712-0100-1660	BRACKET FRONT LEFT	1
1175		M-MS-0808-6609	1712-0100-1670	BRACKET FRONT TOP	1
1176		M-MS-0808-6154	1712-1000-0010	SUPPORT BAR AT1099DA	1
1177		M-SCW-0824-0195	1724-1703-0802	SCREW,PB,M3.0X8L,ZN-CC	2
1178		M-SCW-0824-0487	1724-3503-0602	SCREW PTAN M3.0X6L ZN-CC	10
		B-SB-0221-0206	3017-0142-0156	ASS'Y DISPLAY BD PF775	
1179	LEDD01	E-D-0403-0846	0440-5000-0020	LED L-59GYW 5 .	1
1180	PCB5	M-MS-0808-4837	0170-1740-0120	PCB DISPLAY BD V0 118X36X1.6T PT775	1
1181	RD01	E-R-0405-2931	0130-3309-1850	RES. CF 33ohm 1/8W J A	1
1182	RD02	E-R-0405-2931	0130-3309-1850	RES. CF 33ohm 1/8W J A	1
1183	RD03	E-R-0405-6203	0131-4751-1410	RES. MF 4.75Kohm 1/4W F A	1
1184	RD04	E-R-0405-5504	0130-1802-1450	RES. CF 18Kohm 1/4W J A	1
1185	RD05	E-R-0405-2896	0130-1102-1850	RES. CF 11Kohm 1/8W J A	1
1186	RD06	E-R-0405-2945	0130-7501-1850	RES. CF 7.5Kohm 1/8W J A	1
1187	SWD01	M-MS-0808-1213	0220-7020-0167	SW TACTILE 6*6MM 4P	1
1188	SWD02	M-MS-0808-1213	0220-7020-0167	SW TACTILE 6*6MM 4P	1
1189	SWD03	M-MS-0808-1213	0220-7020-0167	SW TACTILE 6*6MM 4P	1
1190	SWD04	M-MS-0808-1213	0220-7020-0167	SW TACTILE 6*6MM 4P	1
1191	WD01	M-MS-0808-4646	0460-1104-0040	WH XH4P-SCN4P 1007#24 230MM	1
		B-SB-0221-0246	3019-0022-0159	ASS'Y DIODE OPTION BD P95f,P220f FOR DA17	
1192	D01	E-D-0403-1230	0390-3004-8022	FAST DIODE FUF5408 T	1
1193	D02	E-D-0403-1230	0390-3004-8022	FAST DIODE FUF5408 T	1
1194	PCB8	B-SB-0221-0245	0171-1641-0070	PCB OPTION BD FR4 30x60mmx1.0T D	1
1195	R01	E-R-0405-6214	0133-0228-0252	RES. MOF(M) 0.22ohm 2W J A-FK	1
1196	R02	E-R-0405-6214	0133-0228-0252	RES. MOF(M) 0.22ohm 2W J A-FK	1
		B-SB-0221-0257	3021-0042-0157	ASS'Y POWER FACTOR BD GS815-2	
1197		B-SB-0221-0277	0174-2040-0080	PCB POWER FACTOR BD K1 107x65mmx1.6	1
1198	CP01	E-C-0404-4143	0120-5105-4031	P/C MEF 1.0UF 400V J F-K	1
1199	CP02	E-C-0404-1947	0120-5224-0531	P/C MEF 0.22UF 50V J F-K (T)	1
1200	CP03	E-C-0404-2186	0111-2151-5102	C/C DISK 150PF 50V NPO F-K	1
1201	CP04	E-C-0404-1791	0111-1102-5112	C/C DISK 1000PF 50V Y5P F-K	1

ITEM	LOCATION	VSC PART NO.	VENDOR NO.	DESCRIPTION	QTY
1202	CP05	E-C-0404-3520	0101-1220-1211	E/C GEN. 22UF 16V 105' F	1
1203	CP07	E-C-0404-1809	0111-1104-5102	C/C DISK 0.1UF 50V Y5V F-K	1
1204	CP09	E-C-0404-1809	0111-1104-5102	C/C DISK 0.1UF 50V Y5V F-K	1
1205	CP10	E-C-0404-4144	0120-9224-6331	P/C MPS 0.22UF 630V J F-K	1
1206	CP11	E-C-0404-1786	0111-1103-5122	C/C DISK 0.01UF 50V Z5U F-K	1
1207	CP12	E-C-0404-4155	0111-2330-5102	C/C DISK 33PF 50V NPO F-K	1
1208	DP01	E-D-0403-1578	0390-5001-0202	GEN. DIODE 1N5406 T/B	1
1209	DP02	E-D-0403-1578	0390-5001-0202	GEN. DIODE 1N5406 T/B	1
1210	DP03	E-D-0403-1578	0390-5001-0202	GEN. DIODE 1N5406 T/B	1
1211	DP04	E-D-0403-1578	0390-5001-0202	GEN. DIODE 1N5406 T/B	1
1212	DP05	B-SB-0221-0258	3019-0042-0159	ASS'Y DIODE OPTION BD FOR DP05(PFC)	1
1213	DP06	E-D-0403-1578	0390-5001-0202	GEN. DIODE 1N5406 T/B	1
1214	DP07	E-D-0403-0531	0390-5000-1052	GEN. DIODE 1N4148 T	1
1215	DP08	E-D-0403-0531	0390-5000-1052	GEN. DIODE 1N4148 T	1
1216	ICP01	E-IC-0401-2240	0430-7005-5110	IC MC33260 DIP 8PIN	1
1217	JP01	M-WR-0828-0088	0230-1509-0000	JUMPER WIRE 15*0.6MM	1
1218	JP02	M-WR-0828-0088	0230-1509-0000	JUMPER WIRE 15*0.6MM	1
1219	LP01	E-L-0407-0547	0370-0000-1010	FERRITE CORE RH 3.5X6X1.0(W)X2	1
1220	P02	M-MS-0808-6141	0460-1701-0530	WH 1007#24 60mm	1
1221	QP01	E-Q-0402-0455	0420-1001-0401	POWER MOS IRFBC40 TO-220	1
1222	QP01H	M-MS-0808-5951	1712-0400-0270	HEAT SINK (23.5WX16.5TX50H)	1
1223	QP01R	M-MS-0808-3281	1701-1100-0801	SILICON RUBBER /TO1633(30)	1
1224	QP01S	M-SCW-0824-0149	1724-1703-1202	SCREW,PB,M3.0X12L,ZN-CC	1
1225	QP01W	PL-CV-0704-0015	1701-0600-0200	TRANSISTOR COVER / TR-08	1
1226	QP02	E-Q-0402-0567	0410-0000-1109	TRANSISTOR 2SA733P TO-92 T	1
1227	QP03	E-Q-0402-0669	0410-2000-1110	TRANSISTOR 2SC945P TO-92 T	1
1228	QP04	E-Q-0402-0567	0410-0000-1109	TRANSISTOR 2SA733P TO-92 T	1
1229	QP05	E-Q-0402-0567	0410-0000-1109	TRANSISTOR 2SA733P TO-92 T	1
1230	RP01	E-R-0405-4233	0130-1001-1850	RES. CF 1.0Kohm 1/8W J A	1
1231	RP02	E-R-0405-6327	0137-0688-0352	RES. W.W.(non ind.) 0.68ohm 3W J A-FK	1
1232	RP03	E-R-0405-6327	0137-0688-0352	RES. W.W.(non ind.) 0.68ohm 3W J A-FK	1
1233	RP04	E-R-0405-6329	0130-1004-1254	RES. CF 1.0Mohm 1/2W J R-K	1
1234	RP05	E-R-0405-6329	0130-1004-1254	RES. CF 1.0Mohm 1/2W J R-K	1
1235	RP06	E-R-0405-4233	0130-1001-1850	RES. CF 1.0Kohm 1/8W J A	1
1236	RP07	E-R-0405-4238	0130-4701-1850	RES. CF 4.7Kohm 1/8W J A	1
1237	RP08	E-R-0405-6321	0130-9101-1250	RES. CF 9.1Kohm 1/2W J A	1
1238	RP09	E-R-0405-2898	0130-1201-1850	RES. CF 1.2Kohm 1/8W J A	1
1239	RP10	E-R-0405-4269	0130-1002-1450	RES. CF 10Kohm 1/4W J A	1
1240	RP11	E-R-0405-4252	0130-1009-1850	RES. CF 10ohm 1/8W J A	1
1241	RP12	E-R-0405-4252	0130-1009-1850	RES. CF 10ohm 1/8W J A	1
1242	RP15	E-R-0405-6340	0130-6209-1254	RES. CF 62ohm 1/2W J R-K	1
1243	TP01	E-T-0408-0394	0350-0130-0062	X'FMR EI30 125uH	1
1244	WP01	M-MS-0808-6136	0451-2500-1532	WAFER 2.50mm 15P 90' KINK	1
1245	ZDP01	E-D-0403-0477	0400-1451-2000	ZENER 15-2 14.5-15.1V 1/2W	1
1246	ZDP02	E-D-0403-1184	0400-0891-2000	ZENER 9C1 8.9-9.3V 1/2W	1
1247	ZDP03	E-D-0403-1754	0400-0371-2000	ZENER 4B1 3.7-3.9V 1/2W	1
		B-SB-0221-0295	3022-0012-0118A	ASS'Y BNC BD NOKIA 130C AI	
1248		B-SB-0221-0292	0171-3441-0062	PCB BNC BD FR-4 220x170mmx1.6t	1
1249	CU05	E-C-0404-1809	0111-1104-5102	C/C DISK 0.1UF 50V Y5V F-K	1
1250	CU14	E-C-0404-1911	0101-1470-1211	E/C GEN. 47UF 16V 105' F	1
1251	CU15	E-C-0404-1892	0101-1101-1211	E/C GEN. 100UF 16V 105' F	1
1252	CU18	E-C-0404-1892	0101-1101-1211	E/C GEN. 100UF 16V 105' F	1
1253	CU20	E-C-0404-1809	0111-1104-5102	C/C DISK 0.1UF 50V Y5V F-K	1
1254	DU01	E-D-0403-0531	0390-5000-1052	GEN. DIODE 1N4148 T	1
1255	DU02	E-D-0403-0531	0390-5000-1052	GEN. DIODE 1N4148 T	1
1256	DU03	E-D-0403-0531	0390-5000-1052	GEN. DIODE 1N4148 T	1
1257	DU04	E-D-0403-0531	0390-5000-1052	GEN. DIODE 1N4148 T	1
1258	DU05	E-D-0403-0531	0390-5000-1052	GEN. DIODE 1N4148 T	1
1259	DU06	E-D-0403-0531	0390-5000-1052	GEN. DIODE 1N4148 T	1
1260	DU07	E-D-0403-0531	0390-5000-1052	GEN. DIODE 1N4148 T	1
1261	DU08	E-D-0403-0531	0390-5000-1052	GEN. DIODE 1N4148 T	1
1262	LU01	M-WR-0828-0151	0230-7508-0000	JUMPER WIRE 7.5*0.6MM	1
1263	QU01	E-Q-0402-0669	0410-2000-1110	TRANSISTOR 2SC945P TO-92 T	1
1264	RU01	E-R-0405-4263	0130-7509-1850	RES. CF 75ohm 1/8W J A	1
1265	RU02	E-R-0405-4263	0130-7509-1850	RES. CF 75ohm 1/8W J A	1
1266	RU03	E-R-0405-4263	0130-7509-1850	RES. CF 75ohm 1/8W J A	1
1267	RU04	E-R-0405-4263	0130-7509-1850	RES. CF 75ohm 1/8W J A	1
1268	RU05	E-R-0405-4263	0130-7509-1850	RES. CF 75ohm 1/8W J A	1
1269	RU06	E-R-0405-4263	0130-7509-1850	RES. CF 75ohm 1/8W J A	1
1270	RU07	E-R-0405-4248	0130-1000-1850	RES. CF 100ohm 1/8W J A	1

ITEM	LOCATION	VSC PART NO.	VENDOR NO.	DESCRIPTION	QTY
1271	RU08	E-R-0405-4248	0130-1000-1850	RES. CF 100ohm 1/8W J A	1
1272	RU09	E-R-0405-3249	0130-1000-1450	RES. CF 100ohm 1/4W J A	1
1273	RU10	E-R-0405-3249	0130-1000-1450	RES. CF 100ohm 1/4W J A	1
1274	RU11	E-R-0405-2939	0130-4702-1850	RES. CF 47Kohm 1/8W J A	1
1275	RU12	E-R-0405-2939	0130-4702-1850	RES. CF 47Kohm 1/8W J A	1
1276	RU13	E-R-0405-5417	0130-4702-1450	RES. CF 47Kohm 1/4W J A	1
1277	RU14	E-R-0405-5417	0130-4702-1450	RES. CF 47Kohm 1/4W J A	1
1278	RU15	E-R-0405-4248	0130-1000-1850	RES. CF 100ohm 1/8W J A	1
1279	RU16	E-R-0405-4235	0130-4700-1850	RES. CF 470ohm 1/8W J A	1
1280	RU17	E-R-0405-3249	0130-1000-1450	RES. CF 100ohm 1/4W J A	1
1281	RU18	E-R-0405-3249	0130-1000-1450	RES. CF 100ohm 1/4W J A	1
1282	RU19	E-R-0405-2939	0130-4702-1850	RES. CF 47Kohm 1/8W J A	1
1283	RU20	E-R-0405-4240	0130-1002-1850	RES. CF 10Kohm 1/8W J A	1
1284	RU21	E-R-0405-2931	0130-3309-1850	RES. CF 33ohm 1/8W J A	1
1285	RU22	E-R-0405-2931	0130-3309-1850	RES. CF 33ohm 1/8W J A	1
1286	RU23	E-R-0405-2931	0130-3309-1850	RES. CF 33ohm 1/8W J A	1
1287	RU25	E-R-0405-2931	0130-3309-1850	RES. CF 33ohm 1/8W J A	1
1288	RU26	E-R-0405-2931	0130-3309-1850	RES. CF 33ohm 1/8W J A	1
1289	RU27	E-R-0405-2931	0130-3309-1850	RES. CF 33ohm 1/8W J A	1
1290	RU28	E-R-0405-2931	0130-3309-1850	RES. CF 33ohm 1/8W J A	1
1291	RU29	E-R-0405-2931	0130-3309-1850	RES. CF 33ohm 1/8W J A	1
1292	RU30	E-R-0405-2931	0130-3309-1850	RES. CF 33ohm 1/8W J A	1
1293	RU31	E-R-0405-2931	0130-3309-1850	RES. CF 33ohm 1/8W J A	1
1294	RU32	E-R-0405-4260	0130-3301-1850	RES. CF 3.3Kohm 1/8W J A	1
1295	RU33	E-R-0405-2931	0130-3309-1850	RES. CF 33ohm 1/8W J A	1
1296	RU34	E-R-0405-4260	0130-3301-1850	RES. CF 3.3Kohm 1/8W J A	1
1297	RU35	E-R-0405-4248	0130-1000-1850	RES. CF 100ohm 1/8W J A	1
1298	RU36	E-R-0405-4248	0130-1000-1850	RES. CF 100ohm 1/8W J A	1
1299	RU37	E-R-0405-4238	0130-4701-1850	RES. CF 4.7Kohm 1/8W J A	1
1300	RU38	E-R-0405-4238	0130-4701-1850	RES. CF 4.7Kohm 1/8W J A	1
1301	RU39	E-R-0405-3312	0130-1008-1850	RES. CF 1.0ohm 1/8W J A	1
		B-SB-0221-0296	3022-0012-0118M	ASS'Y BNC BD NOKIA 130C MI	
1302		M-MS-0808-2835	1701-0800-1900	BNC PLATE AT897/PT771/P795	1
1303		M-MS-0808-2831	1712-0100-4300	BNC BRACKET AT897/PT771/P795	1
1304		M-MS-0808-2832	1712-0500-2000	GROUNDING PLATE	1
1305	BNU01	M-MS-0808-2135	0303-0000-0010	BNC CONN. 50ohm 180' 36MM	1
1306	BNU02	M-MS-0808-2135	0303-0000-0010	BNC CONN. 50ohm 180' 36MM	1
1307	BNU03	M-MS-0808-2135	0303-0000-0010	BNC CONN. 50ohm 180' 36MM	1
1308	BNU04	M-MS-0808-2135	0303-0000-0010	BNC CONN. 50ohm 180' 36MM	1
1309	BNU05	M-MS-0808-2135	0303-0000-0010	BNC CONN. 50ohm 180' 36MM	1
1310	CNU01	M-MS-0808-2268	0300-1210-3152	D-SUB FEMALE 180' 15P 3ROW	1
1311	ICU01	E-IC-0401-2239	0430-7005-4402	IC M52758SP SDIP 32PIN	1
1312	ICU02	E-IC-0401-2303	0430-3000-5117	IC 24LC02B/P DIP 8PIN (V=2.5V-5.5V)	1
1313	JU01	M-MS-0808-6598	0456-2540-0279	1*2P 2.54mm 180' HEADER (KINK)	1
1314	JU01P	M-MS-0808-3289	0300-2250-0027	MINI JUMPER 2.54MM 2P CLOSE	1
1315	WU01	M-MS-0808-4842	0451-2500-0744	WAFER 2.50MM 7P 90' KINK	1
1316	WU02	M-MS-0808-1894	0451-2500-0844	WAFER 2.50MM 8P 90' KINK	1
		B-SB-0221-0297	3022-0012-0141	ASS'Y PURITY BD NOKIA 130C	
1317		B-SB-0221-0298	302200120141A	ASS'Y PURITY BD NOKIA 130C AI	1
1318		B-SB-0221-0299	302200120141M	ASS'Y PURITY BD NOKIA 130C MI	1
		B-SB-0221-0258	3019-0042-0159	ASS'Y DIODE OPTION BD FOR DP05(PFC)	
1319		B-SB-0221-0272	0171-1641-0090	PCB DIODE(PFC) OPTION BD FR4 26x40mmx1.0t	1
1320	DPX01	E-D-0403-1698	0390-4000-2272	FAST DIODE ER506 T (600V 5A)	1
		B-SB-0221-0298	3022-0012-0141A	ASS'Y PURITY BD NOKIA 130C AI	
1321		B-SB-0221-0293	0174-3540-0011	PCB AUTO PURITY BD K1 90x40mmx1.6t	1
1322	C01	E-C-0404-1809	0111-1104-5102	C/C DISK 0.1UF 50V Y5V F-K	1
1323	C02	E-C-0404-1809	0111-1104-5102	C/C DISK 0.1UF 50V Y5V F-K	1
1324	C03	E-C-0404-1809	0111-1104-5102	C/C DISK 0.1UF 50V Y5V F-K	1
1325	C11	E-C-0404-1809	0111-1104-5102	C/C DISK 0.1UF 50V Y5V F-K	1
1326	C12	E-C-0404-1809	0111-1104-5102	C/C DISK 0.1UF 50V Y5V F-K	1
1327	C13	E-C-0404-1809	0111-1104-5102	C/C DISK 0.1UF 50V Y5V F-K	1
1328	C14	E-C-0404-1892	0101-1101-1211	E/C GEN. 100UF 16V 105' F	1
1329	C15	E-C-0404-1894	0101-1101-1311	E/C GEN. 100UF 25V 105' F	1
1330	J01	M-WR-0828-0088	0230-1509-0000	JUMPER WIRE 15*0.6MM	1

ITEM	LOCATION	VSC PART NO.	VENDOR NO.	DESCRIPTION	QTY
1331	R01	E-R-0405-4240	0130-1002-1850	RES. CF 10Kohm 1/8W J A	1
1332	R02	E-R-0405-3272	0130-9101-1850	RES. CF 9.1Kohm 1/8W J A	1
1333	R03	E-R-0405-4240	0130-1002-1850	RES. CF 10Kohm 1/8W J A	1
1334	R04	E-R-0405-3272	0130-9101-1850	RES. CF 9.1Kohm 1/8W J A	1
1335	R06	E-R-0405-4240	0130-1002-1850	RES. CF 10Kohm 1/8W J A	1
1336	R07	E-R-0405-3272	0130-9101-1850	RES. CF 9.1Kohm 1/8W J A	1
1337	R08	E-R-0405-4240	0130-1002-1850	RES. CF 10Kohm 1/8W J A	1
1338	R09	E-R-0405-3272	0130-9101-1850	RES. CF 9.1Kohm 1/8W J A	1
1339	R11	E-R-0405-4240	0130-1002-1850	RES. CF 10Kohm 1/8W J A	1
1340	R12	E-R-0405-4240	0130-1002-1850	RES. CF 10Kohm 1/8W J A	1
1341	R13	E-R-0405-4248	0130-1000-1850	RES. CF 100ohm 1/8W J A	1
1342	R14	E-R-0405-4248	0130-1000-1850	RES. CF 100ohm 1/8W J A	1
		B-SB-0221-0299	3022-0012-0141M	ASS'Y PURITY BD NOKIA 130C MI	
1343	IC01	E-IC-0401-2305	0430-8000-9109	IC PCF8591 DIP 16PIN (V=5V)	1
1344	IC02	E-IC-0401-2304	0430-7006-4122	IC MIU212A DIP 14PIN (V=12V)	1
1345	IC03	E-IC-0401-0756	0430-4000-1104	IC LM358 DIP-8	1
1346	VR01	E-R-0405-3189	0151-2021-1001	SVR M/LAYER/B 2Kohm B 6	1
1347	VR02	E-R-0405-3189	0151-2021-1001	SVR M/LAYER/B 2Kohm B 6	1
1348	VR03	E-R-0405-3189	0151-2021-1001	SVR M/LAYER/B 2Kohm B 6	1
1349	VR04	E-R-0405-3189	0151-2021-1001	SVR M/LAYER/B 2Kohm B 6	1
1350	W01	M-MS-0808-6597	0451-2500-0514	WAFER 2.50MM 5P 180' KINK	1

Chapter 12 Disassembly Instructions

12.1. Rear Cover Ass'Y Removal

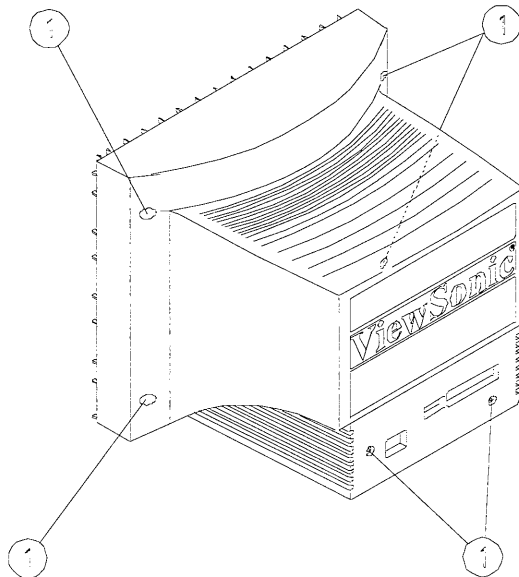
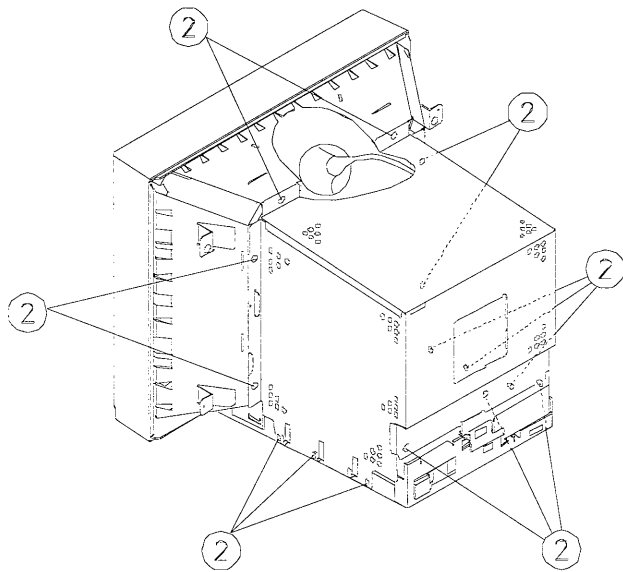
Note: spread a mat underneath to avoid damaging the CRT surface.

12.1.1. Remove six screws (1) from rear cover

12.1.2. Separate the rear cover

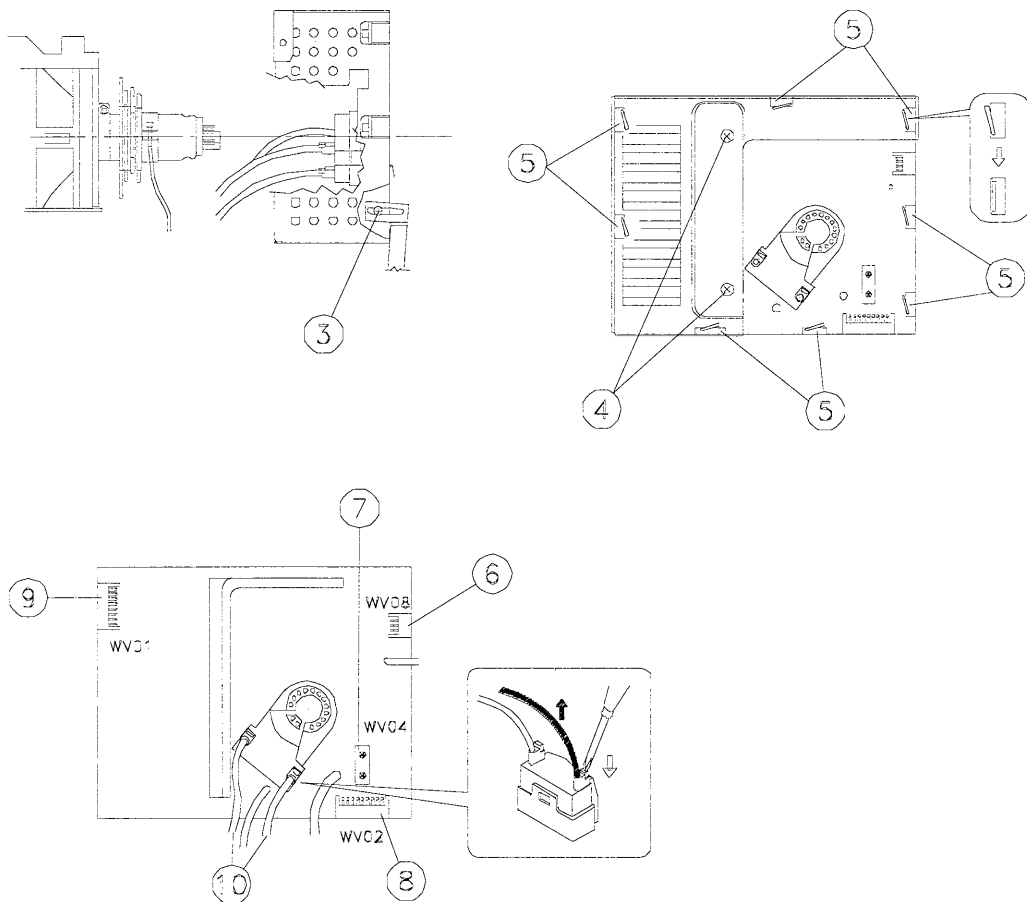
12.1.3. Remove fifteen screws (2) from shielding cover.

12.1.4. Separate the shielding cover.



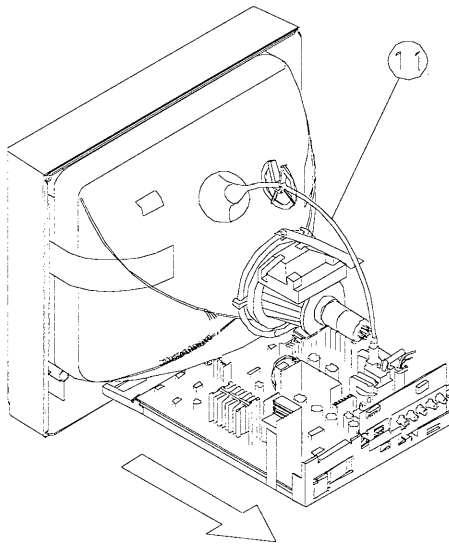
12.2. Video BD Ass'Y Removal

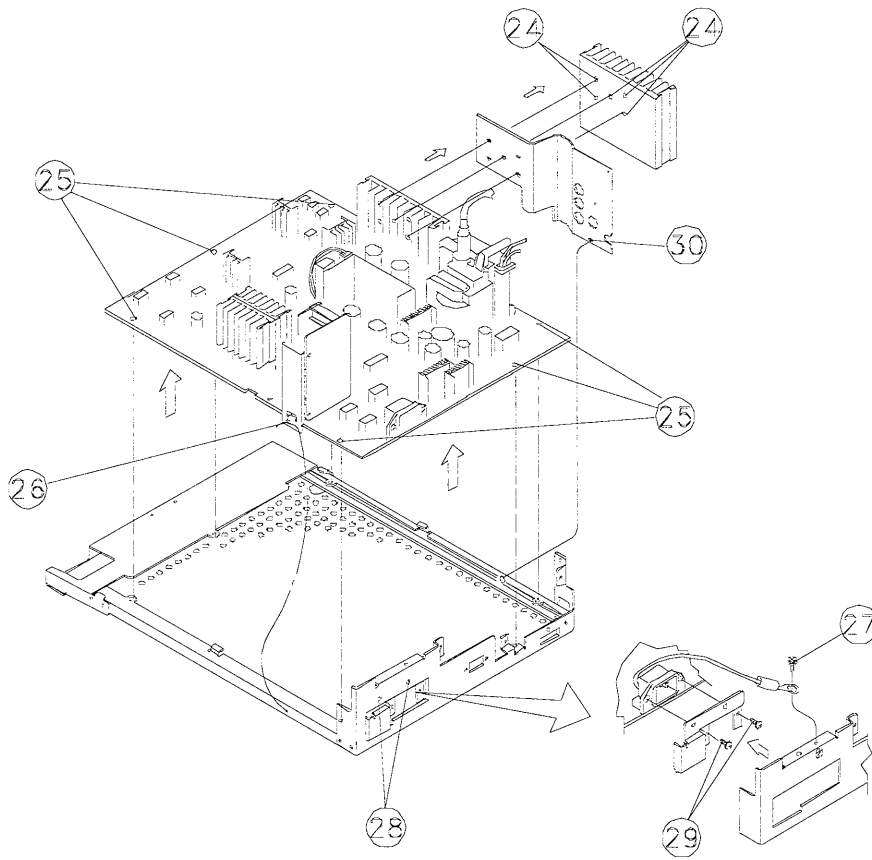
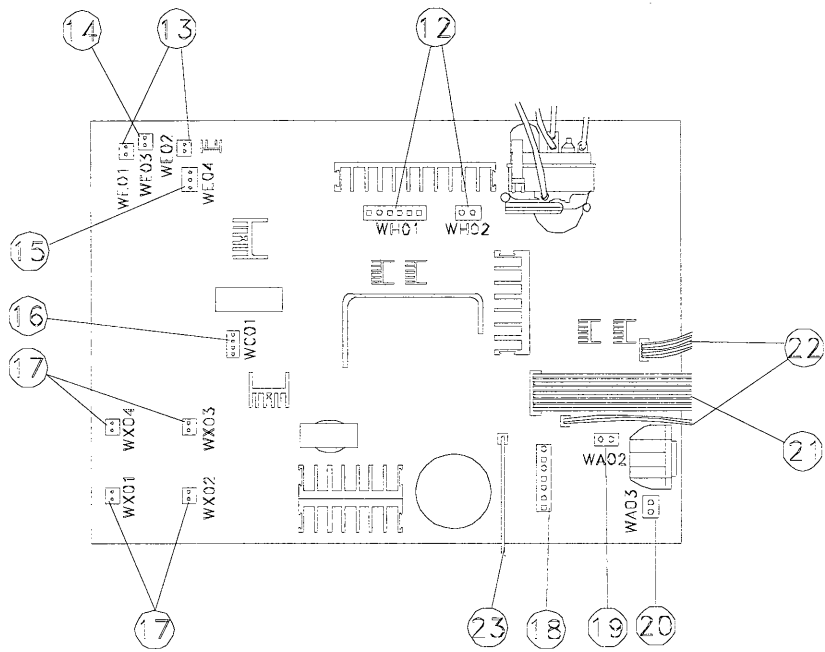
- 12.2.1. Remove one screw (3) from CRT
- 12.2.2. Separate the CRT BD bracket
- 12.2.3. Remove Video BD Ass'Y from CRT
- 12.2.4. Remove two screws (4) from Video BD shielding
- 12.2.5. Separate Video BD shielding
- 12.2.6. Remove the connector (6) (WV08) of the DC power cable
- 12.2.7. Remove the connector (7) (WV04) of the GND cable
- 12.2.8. Remove the connector (8) (WV02) of the control cable
- 12.2.9. Remove the connector (9) (WV01) of the RGB cable
- 12.2.10. Remove the connector (10) focus (H,V)
- 12.2.11. Twist the shielding –A hook Pin (5) until parallel to the slot then pull out
- 12.2.12. Separate the Video BD



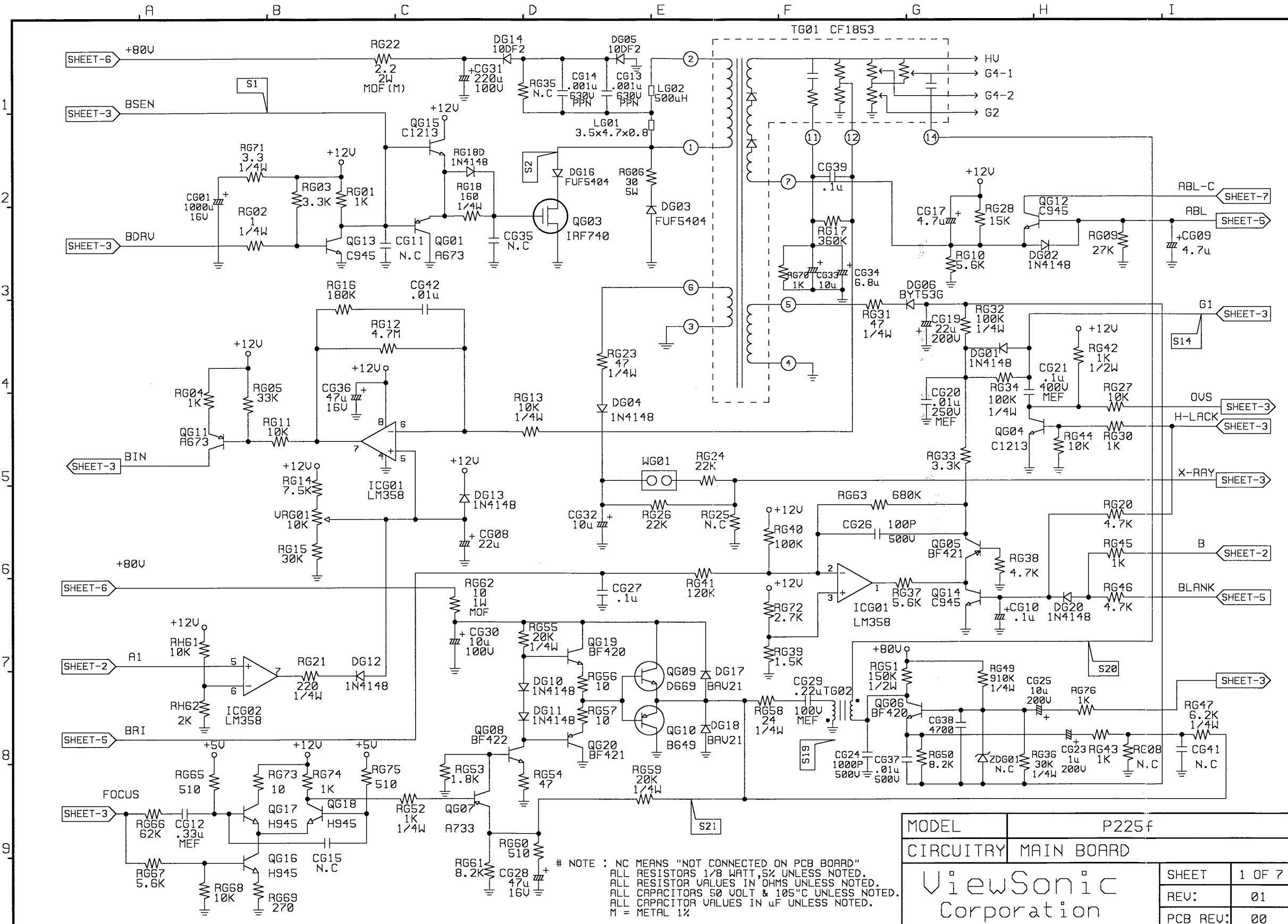
12.3. Main BD Ass'Y Removal

- 12.3.1. Remove the HV Line (11) from CRT
- 12.3.2. Separate Main BD Ass'Y and Chassis Ass'Y from CRT
- 12.3.3. Remove the connector (12) (WH01,WH02) of the DY
- 12.3.4. Remove the connector (13) (WE01,WE02) and (15) (WE03) of the convergence coil and tilt coil
- 12.3.5. Remove the connector (15) (WE04) and (16) (WC01) of the purity coil and keyboard cable
- 12.3.6. Remove the connector (17) (WX01,WX02,WX03,WX04) of the corner purity coil
- 12.3.7. Remove the connector (19) (WA02) and (20) (WA03) of the lead coil and AC power cable
- 12.3.8. Remove the ASS'Y Power Factor BD (18)
- 12.3.9. Remove of the BNC cable (22) and Video BD cable (21) and DC power cable (23)
- 12.3.10. Remove five screws (24) from heat sink
- 12.3.11. Separate heat sink from the "heat sink for EMI"
- 12.3.12. Remove one screw (30) from "heat sink for EMI"
- 12.3.13. Remove six screws (25) and one screw (26) from Main BD
- 12.3.14. Remove one screw (27) and two screws (28) from Chassis bracket rear
- 12.3.15. Remove two screws (29) from AC bracket
- 12.3.16. Separate AC bracket and Main BD





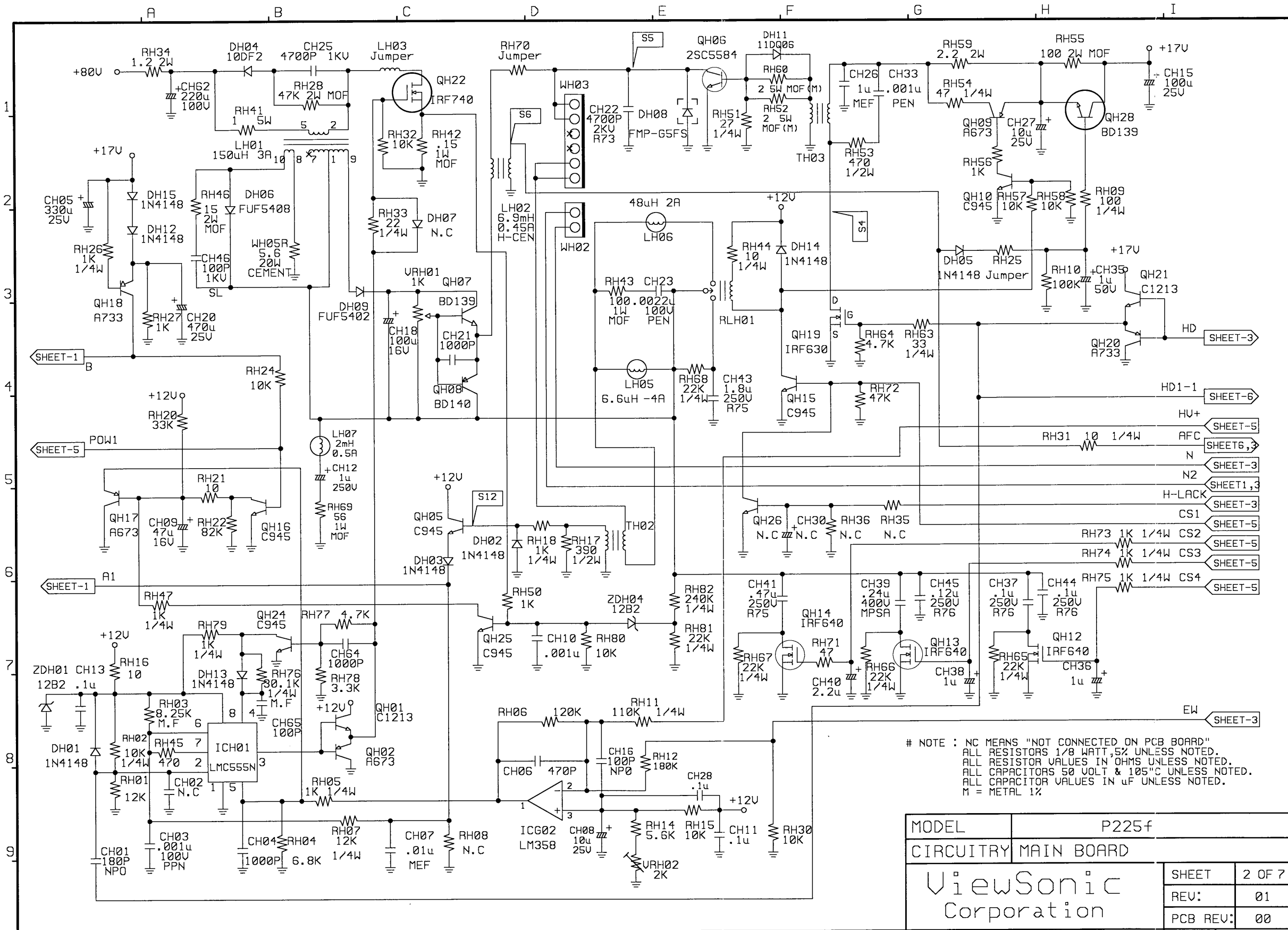
Chapter 13. Schematic Diagrams



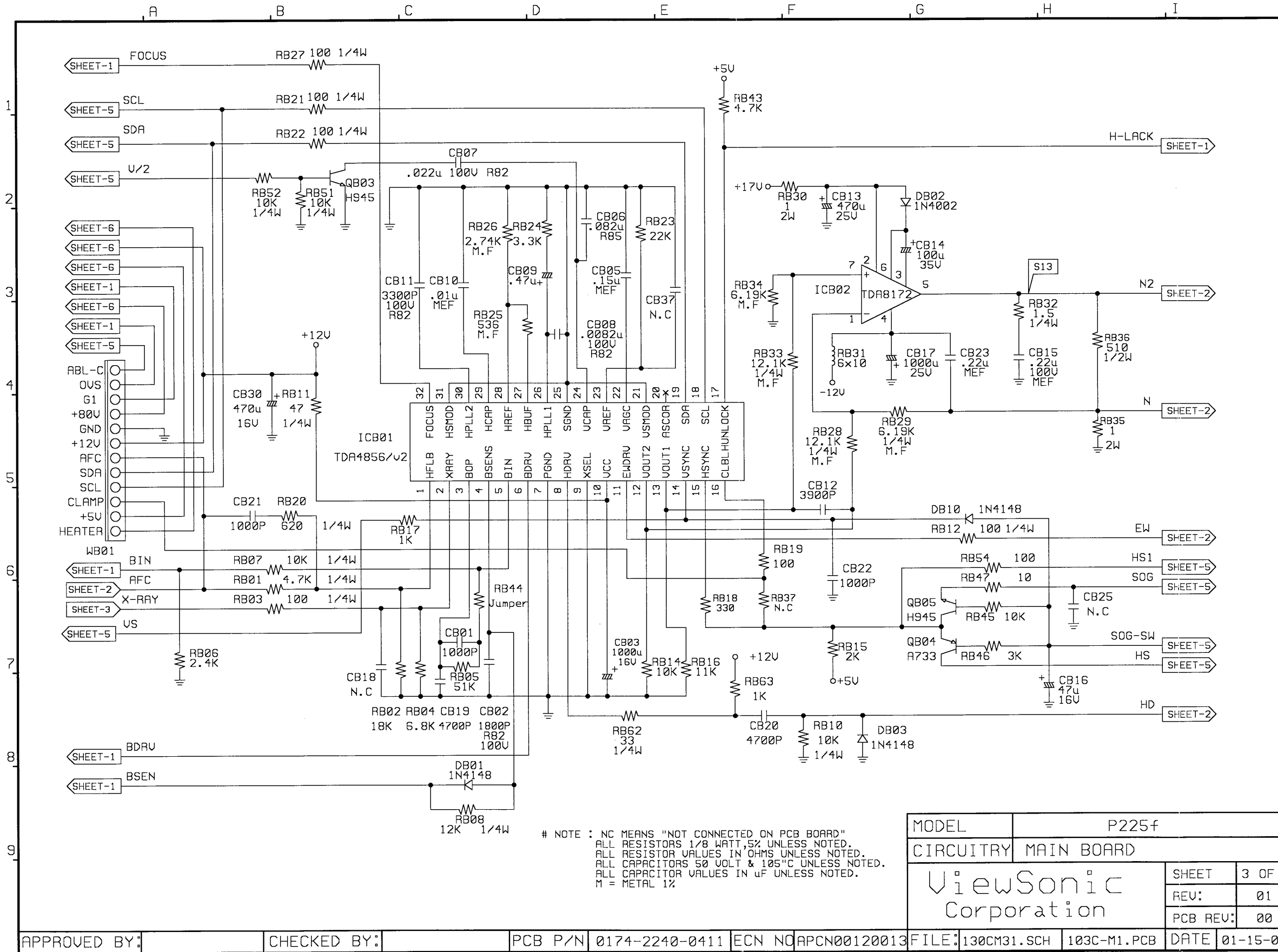
NOTE : NC MEANS "NOT CONNECTED ON PCB BOARD"
 ALL RESISTORS 1/8 WATT, 5% UNLESS NOTED.
 ALL RESISTOR VALUES IN OHMS UNLESS NOTED.
 ALL CAPACITORS 50 VOLT & 105°C UNLESS NOTED.
 ALL CAPACITOR VALUES IN uF UNLESS NOTED.
 M = METAL 1/2"

MODEL	P225f		
CIRCUITRY	MAIN BOARD		
ViewSonic Corporation		SHEET	1 OF 7
		REV:	01
		PCB REV:	00
APPROVED BY:	CHECKED BY:	PCB P/N	0174-2240-0411
		ECN NO	APCN00120013
		FILE:	130CM11.SCH 130C-M1.PCB
		DATE	01-15-01

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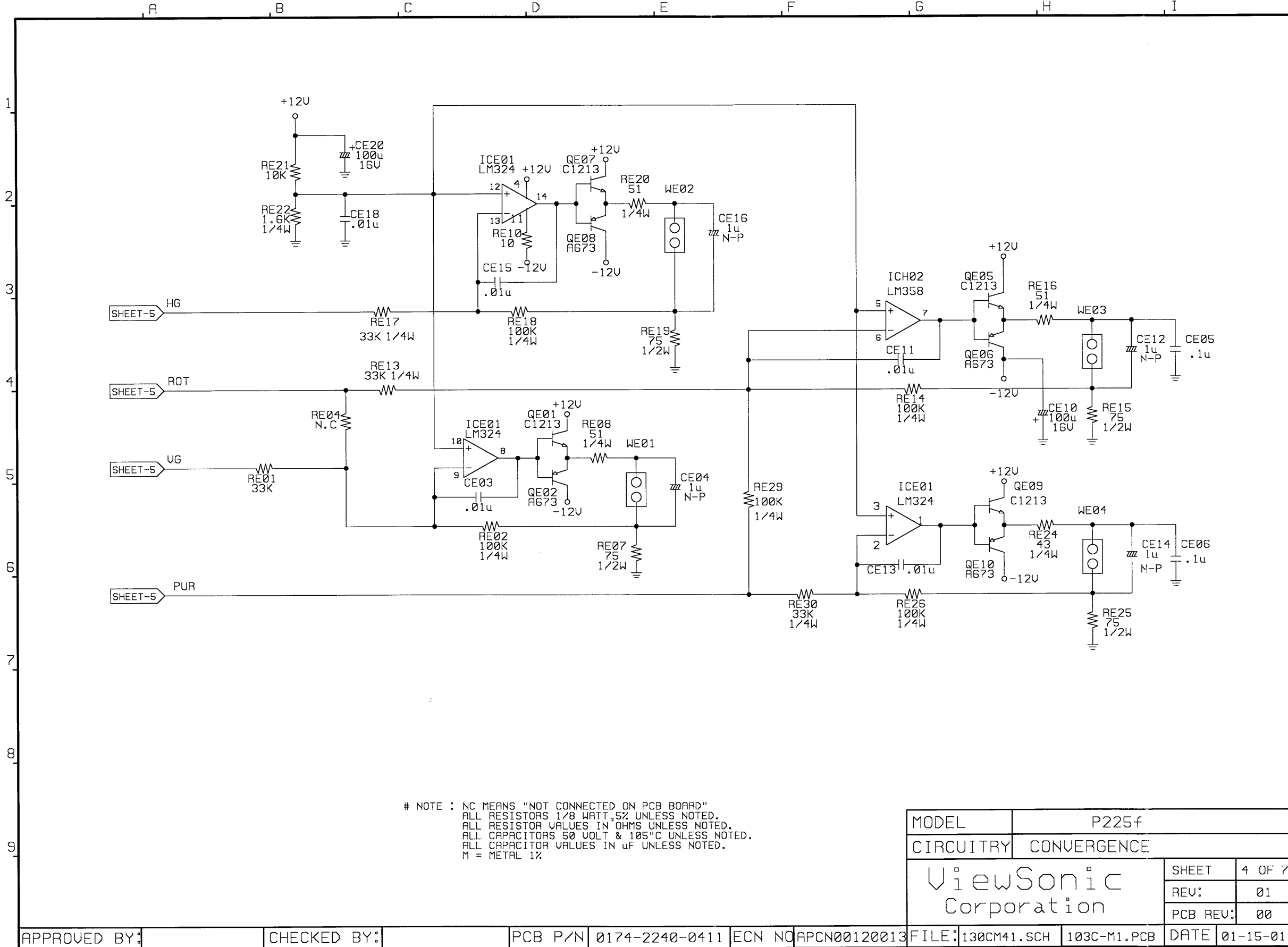


APPROVED BY: _____ CHECKED BY: _____ PCB P/N 0174-2240-0411 ECN NO APCN00120013 FILE: 130CM21.SCH 130C-M1.PCB DATE 01-15-01



NOTE : NC MEANS "NOT CONNECTED ON PCB BOARD"
 ALL RESISTORS 1/8 WATT, 5% UNLESS NOTED.
 ALL RESISTOR VALUES IN OHMS UNLESS NOTED.
 ALL CAPACITORS 50 VOLT & 105°C UNLESS NOTED.
 ALL CAPACITOR VALUES IN uF UNLESS NOTED.
 M = METAL 1%

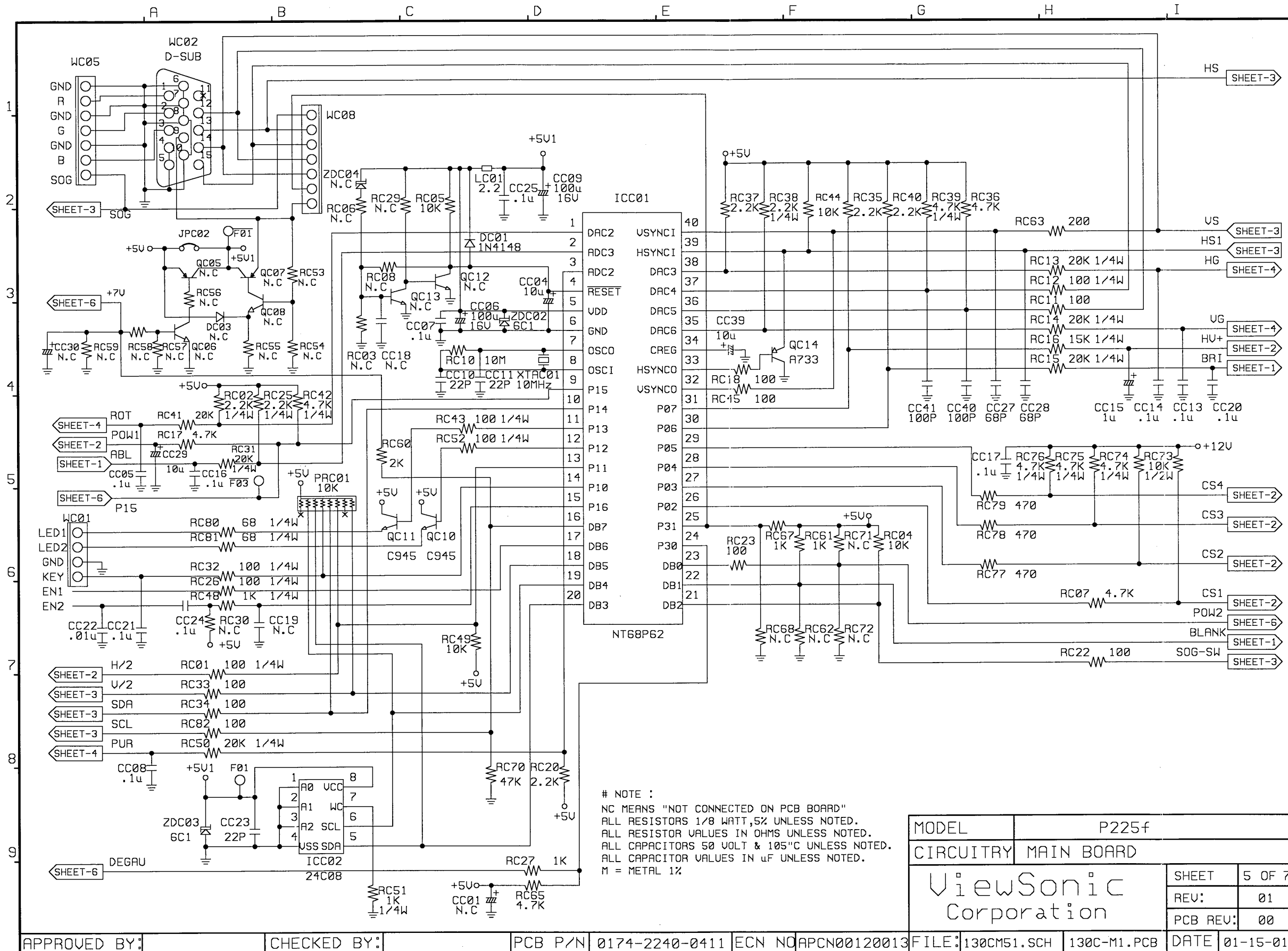
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CIRCUITRY	MAIN BOARD		
ViewSonic Corporation	SHEET	3 OF 7	
	REV:	01	
	PCB REV:	00	
APPROVED BY:	CHECKED BY:	PCB P/N	0174-2240-0411
		ECN NO	APCN00120013
		FILE:	130CM31.SCH 103C-M1.PCB
		DATE	01-15-01

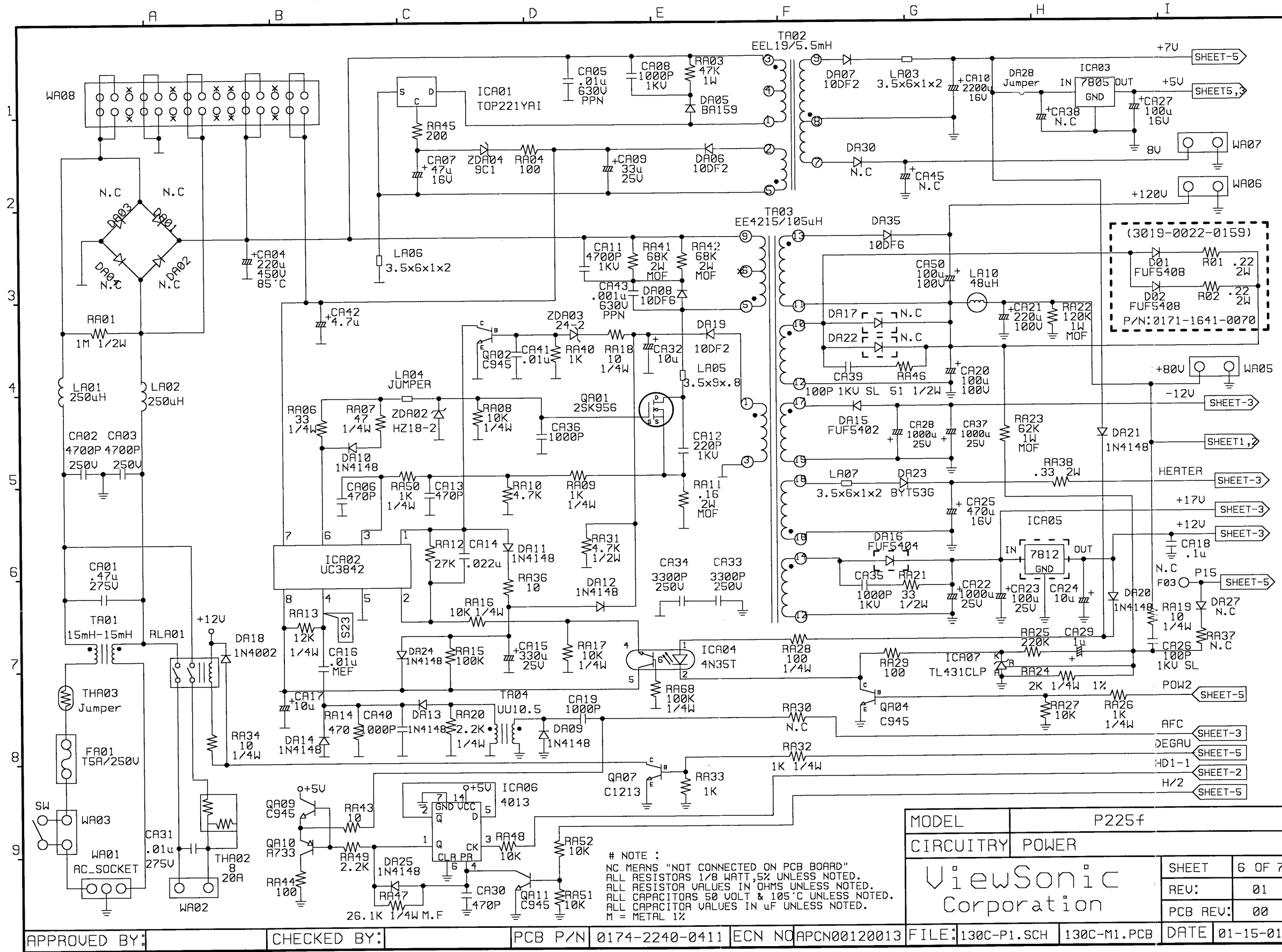


NOTE : NC MEANS "NOT CONNECTED ON PCB BOARD"
 ALL RESISTORS 1/8 WATT, 5% UNLESS NOTED.
 ALL RESISTOR VALUES IN OHMS UNLESS NOTED.
 ALL CAPACITORS 50 VOLT & 105°C UNLESS NOTED.
 ALL CAPACITOR VALUES IN uF UNLESS NOTED.
 M = METAL 1%

MODEL	P225f		
CIRCUITRY	CONVERGENCE		
ViewSonic Corporation	SHEET	4 OF 7	
	REV:	01	
	PCB REV:	00	

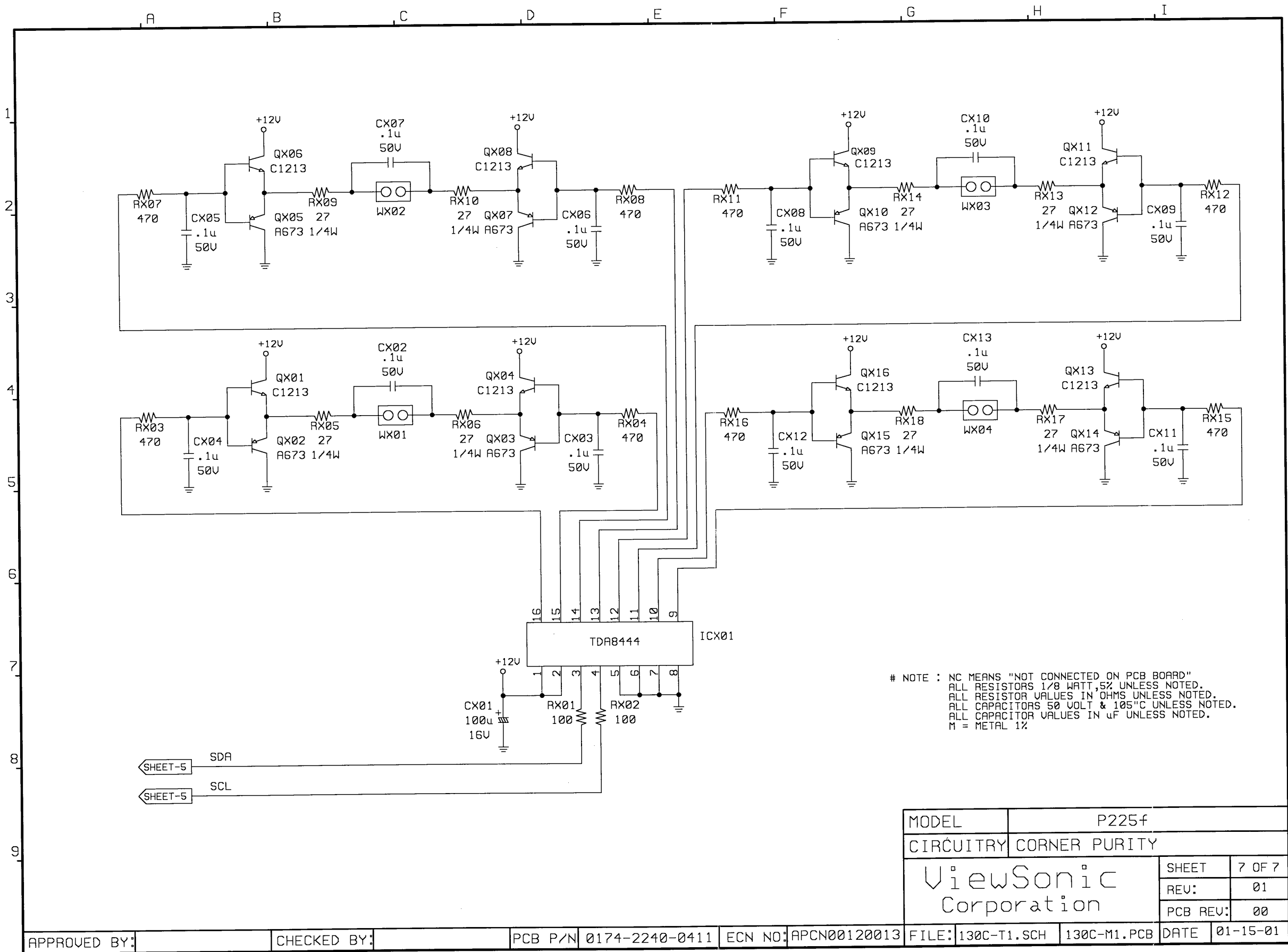
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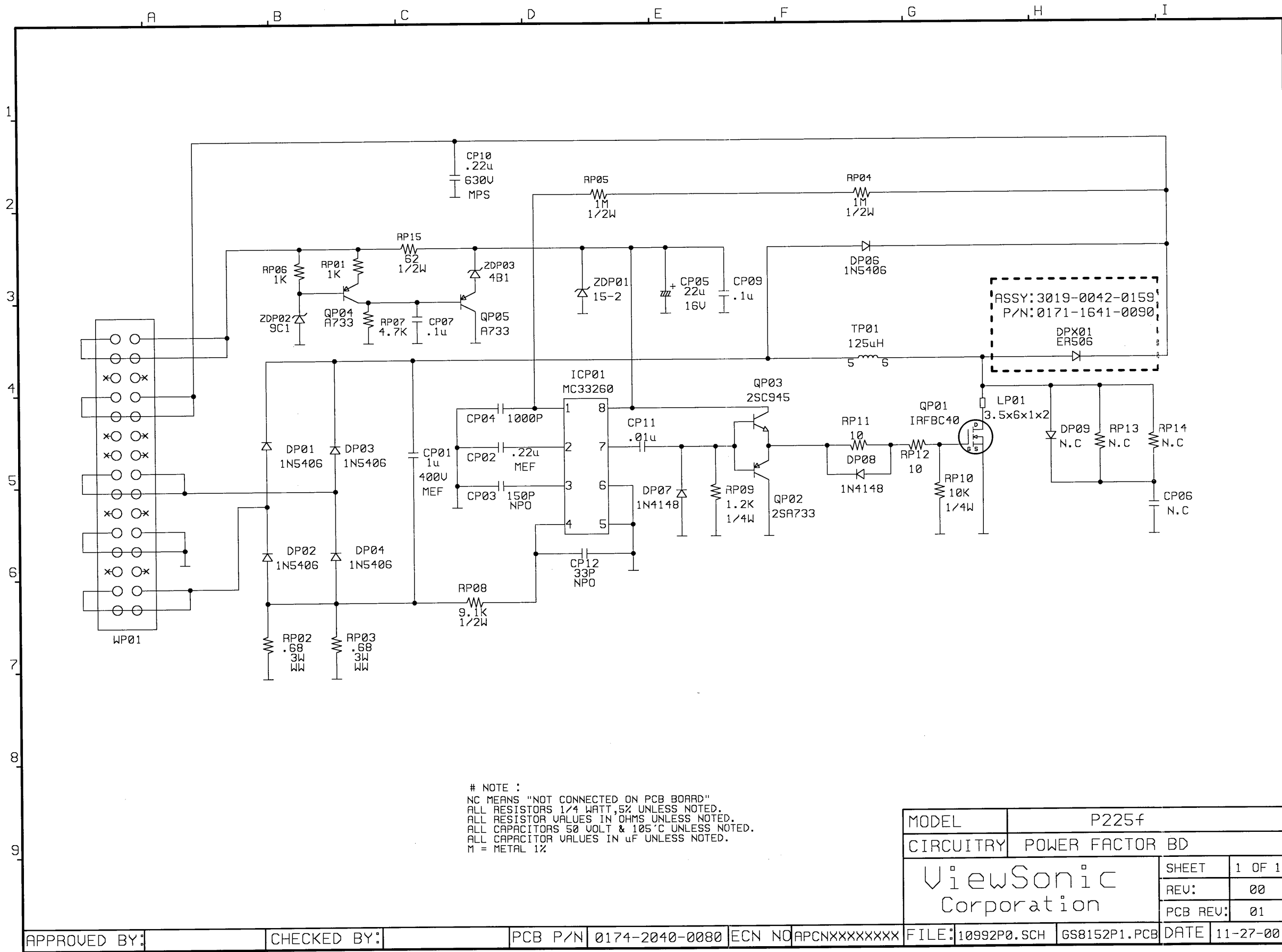
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MODEL	P225f	
CIRCUITRY	POWER	
ViewSonic Corporation		
SHEET	6 OF 7	
REV:	01	
PCB REV:	00	



APPROVED BY: _____ CHECKED BY: _____ PCB P/N 0174-2240-0411 ECN NO: APCN00120013

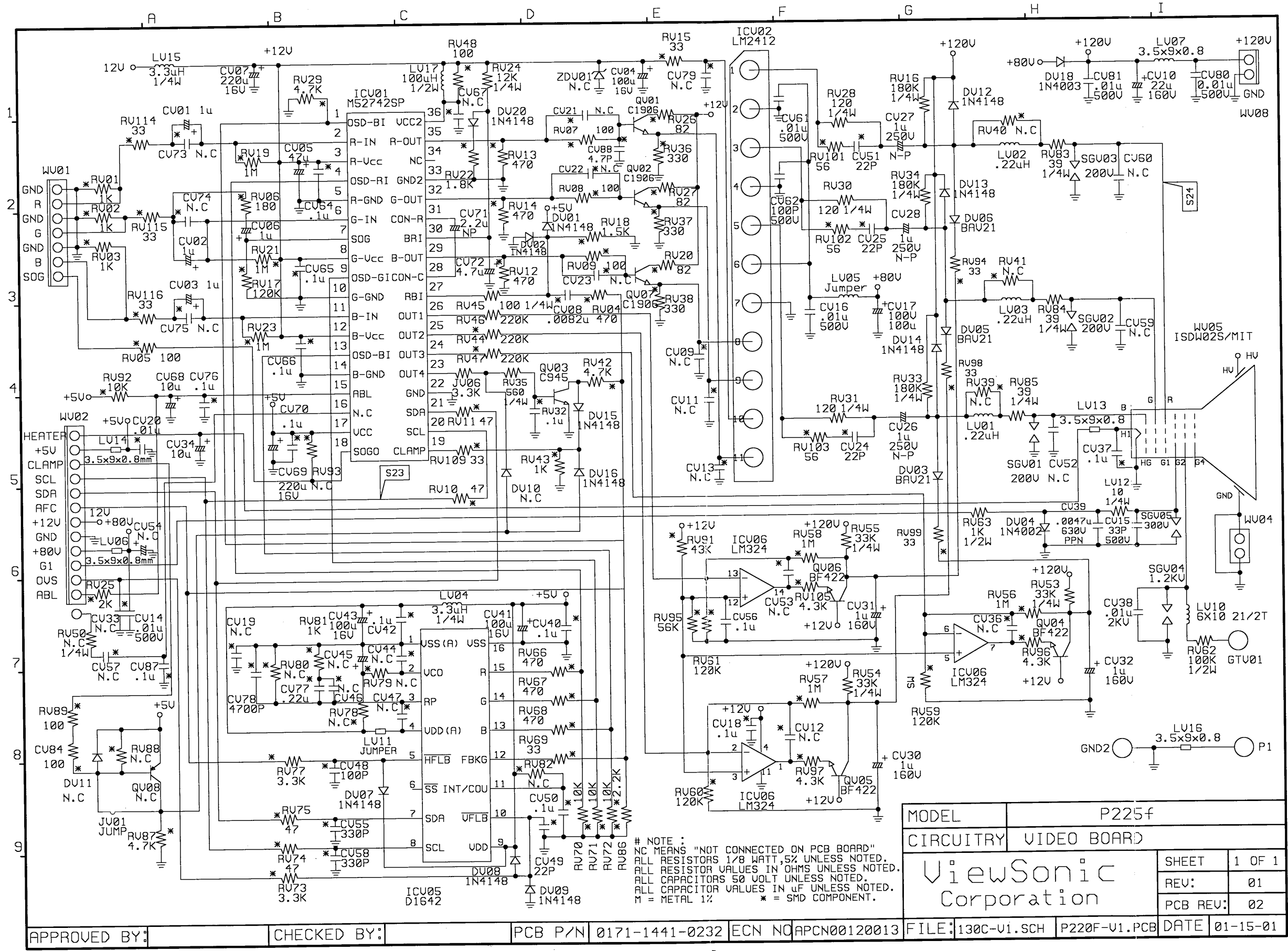
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NOTE :
 NC MEANS "NOT CONNECTED ON PCB BOARD"
 ALL RESISTORS 1/4 WATT, 5% UNLESS NOTED.
 ALL RESISTOR VALUES IN OHMS UNLESS NOTED.
 ALL CAPACITORS 50 VOLT & 105°C UNLESS NOTED.
 ALL CAPACITOR VALUES IN uF UNLESS NOTED.
 M = METAL 1%

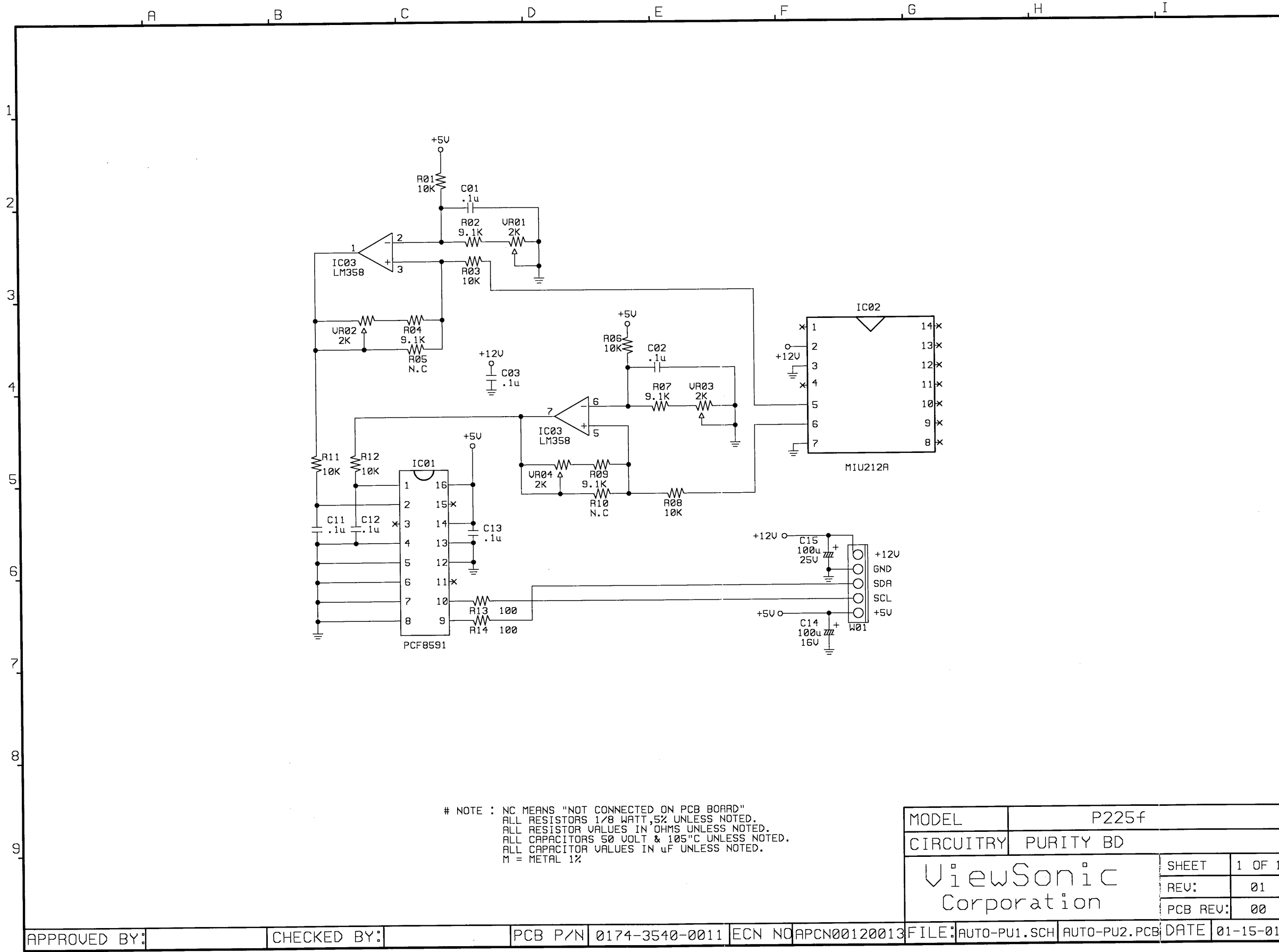
MODEL	P225f		
CIRCUITRY	POWER FACTOR BD		
ViewSonic Corporation	SHEET	1 OF 1	
	REV:	00	
	PCB REV:	01	

APPROVED BY:	CHECKED BY:	PCB P/N	0174-2040-0080	ECN NO	APCNXXXXXXXX	FILE:	10992P0.SCH	GS8152P1.PCB	DATE	11-27-00
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MODEL	P225f			
CIRCUITRY	VIDEO BOARD			
ViewSonic Corporation		SHEET	1 OF 1	
		REV:	01	
		PCB REV:	02	
FILE:	130C-V1.SCH	P220F-V1.PCB	DATE	01-15-01

APPROVED BY: _____ CHECKED BY: _____ PCB P/N 0171-1441-0232 ECN NO APCN00120013



NOTE : NC MEANS "NOT CONNECTED ON PCB BOARD"
 ALL RESISTORS 1/8 WATT, 5% UNLESS NOTED.
 ALL RESISTOR VALUES IN OHMS UNLESS NOTED.
 ALL CAPACITORS 50 VOLT & 105°C UNLESS NOTED.
 ALL CAPACITOR VALUES IN uF UNLESS NOTED.
 M = METAL 1%

MODEL	P225f		
CIRCUITRY	PURITY BD		
ViewSonic Corporation	SHEET	1 OF 1	
	REV:	01	
	PCB REV:	00	
FILE:	AUTO-PU1.SCH	AUTO-PU2.PCB	DATE 01-15-01

APPROVED BY:	CHECKED BY:	PCB P/N	0174-3540-0011	ECN NO	APCN00120013
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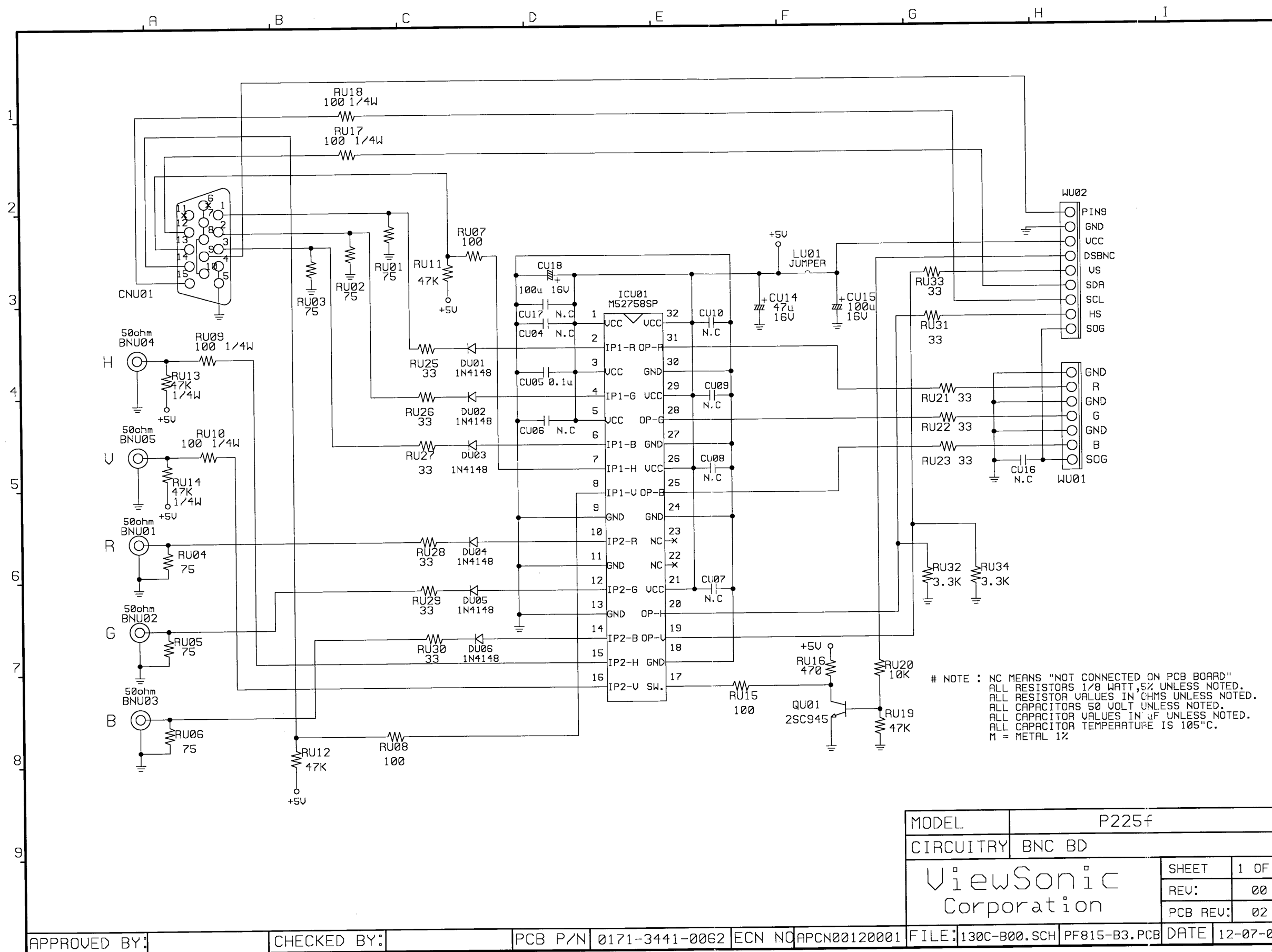


NOTE : NC MEANS "NOT CONNECTED ON PCB BOARD"
 ALL RESISTORS 1/8 WATT, 5% UNLESS NOTED.
 ALL RESISTOR VALUES IN OHMS UNLESS NOTED.
 ALL CAPACITORS 50 VOLT & 105°C UNLESS NOTED.
 ALL CAPACITOR VALUES IN uF UNLESS NOTED.
 M = METAL 1%

MODEL	P225f		
CIRCUITRY	DISPLAY BD.		
ViewSonic Corporation	SHEET	1 OF 1	
	REV:	00	
	PCB REV:	00	
FILE: UG21-D00.SCH	P775D000.PCB	DATE	05-30-00

APPROVED BY: _____ CHECKED BY: _____ PCB P/N 0170-1740-0120 ECN NO ECN00-XXXX

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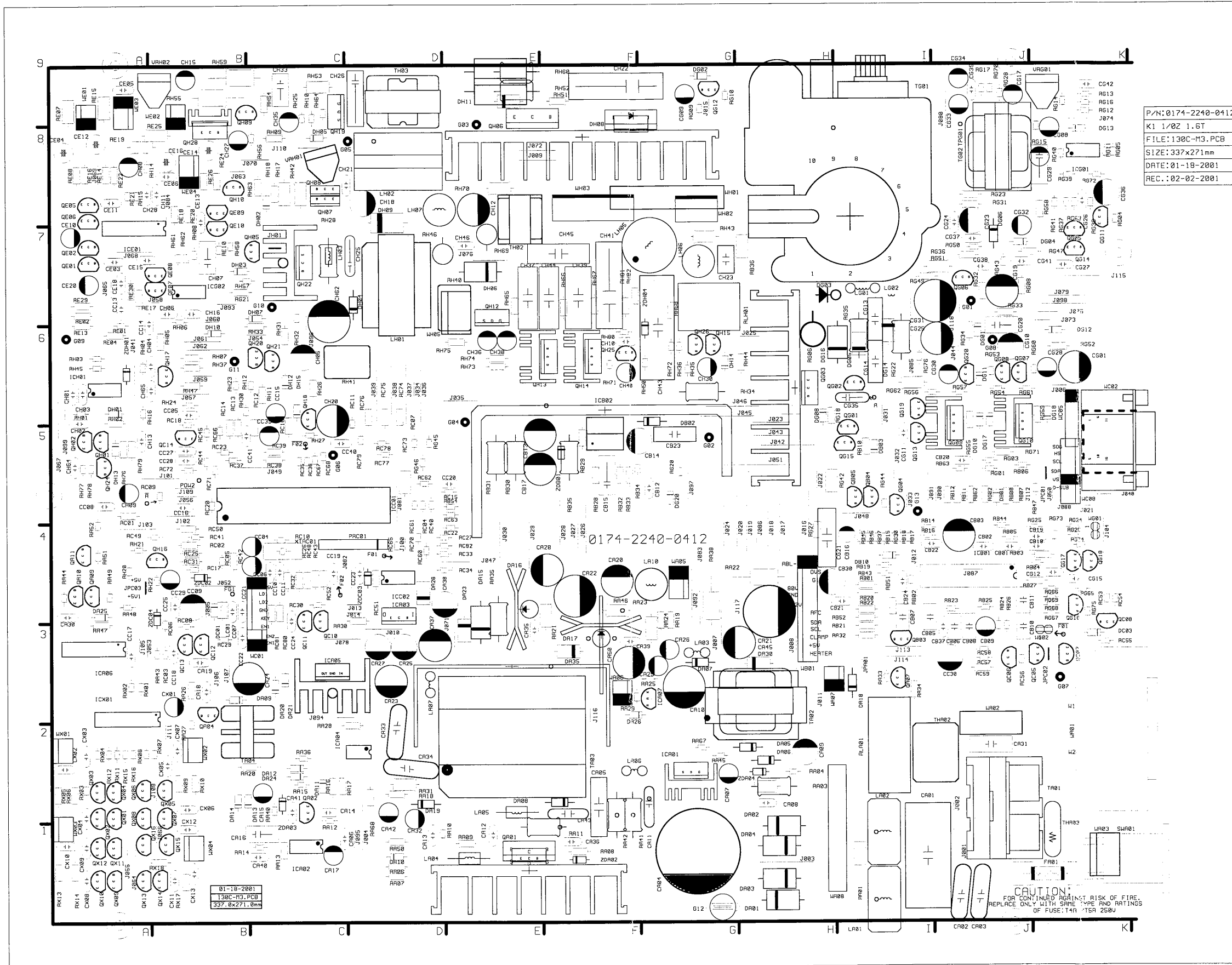


NOTE : NC MEANS "NOT CONNECTED ON PCB BOARD"
 ALL RESISTORS 1/8 WATT, 5% UNLESS NOTED.
 ALL RESISTOR VALUES IN OHMS UNLESS NOTED.
 ALL CAPACITORS 50 VOLT UNLESS NOTED.
 ALL CAPACITOR VALUES IN uF UNLESS NOTED.
 ALL CAPACITOR TEMPERATURE IS 105°C.
 M = METAL 1%

MODEL	P225f		
CIRCUITRY	BNC BD		
ViewSonic Corporation	SHEET	1 OF 1	
	REV:	00	
	PCB REV:	02	

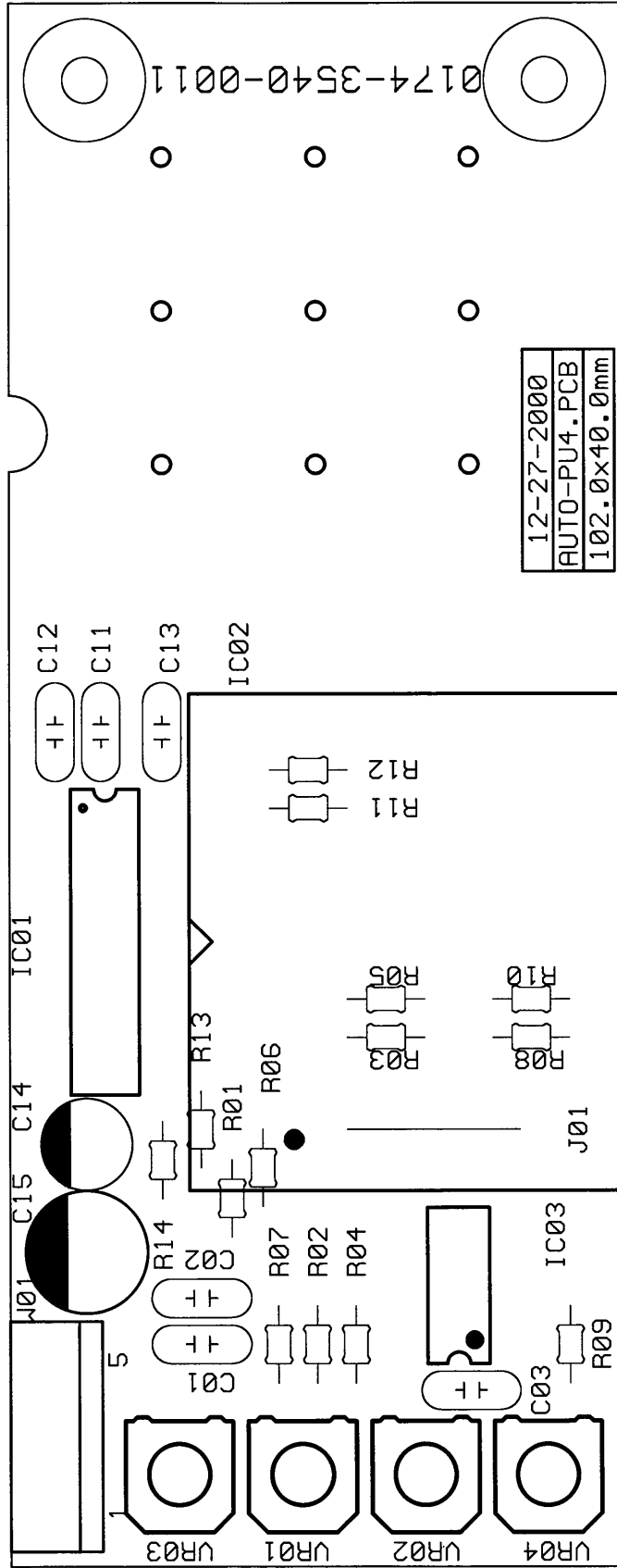
APPROVED BY: _____ CHECKED BY: _____ PCB P/N 0171-3441-0062 ECN NO APCN00120001 FILE: 130C-B00.SCH PF815-B3.PCB DATE 12-07-00

Chapter 14. PCB Layouts



AMTRAN CO., LTD	SIZE: 102.0x40.0MM
P/N:0174-3540-0011	Q'TY: 10 PCS
AUTO-PU4.PCB	DATE: 12-27-00
K1 1/0Z 1.6T	REC.: 01-05-01

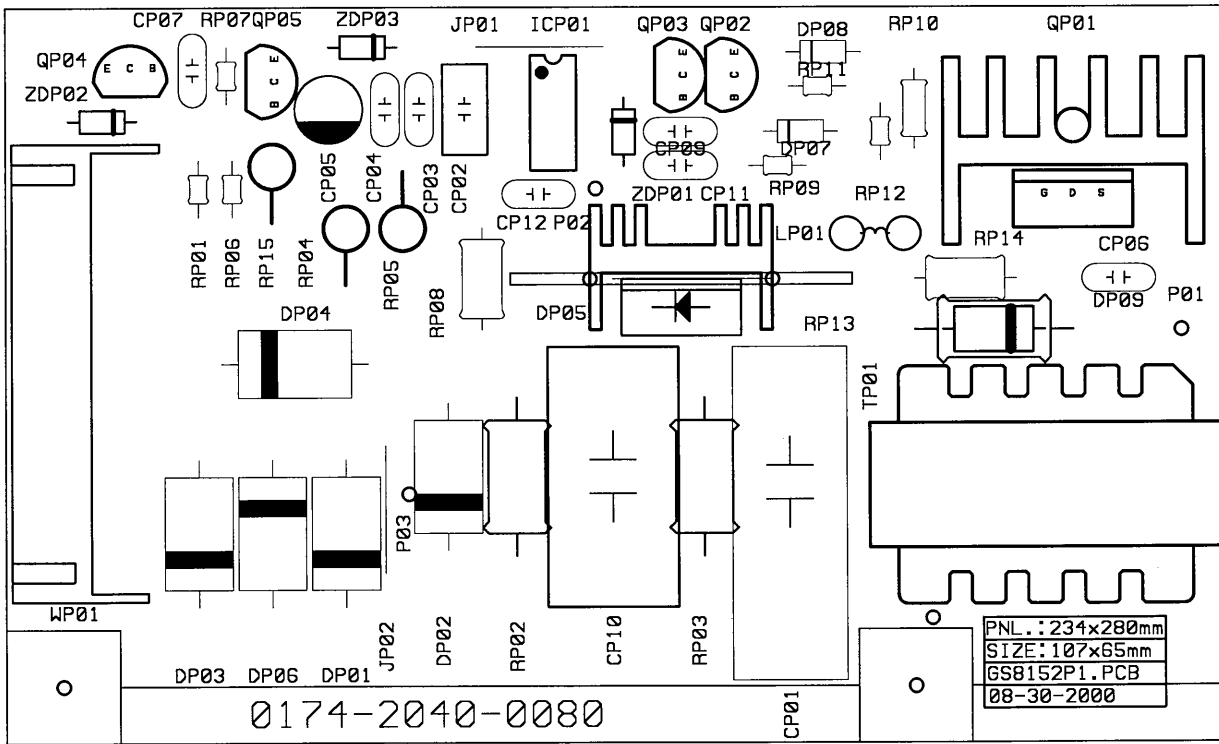
DRAWING BY:
CHECK BY:
COMP TEXT



12-27-2000
 AUTO-PU4.PCB
 102.0x40.0mm

0174-3540-0011

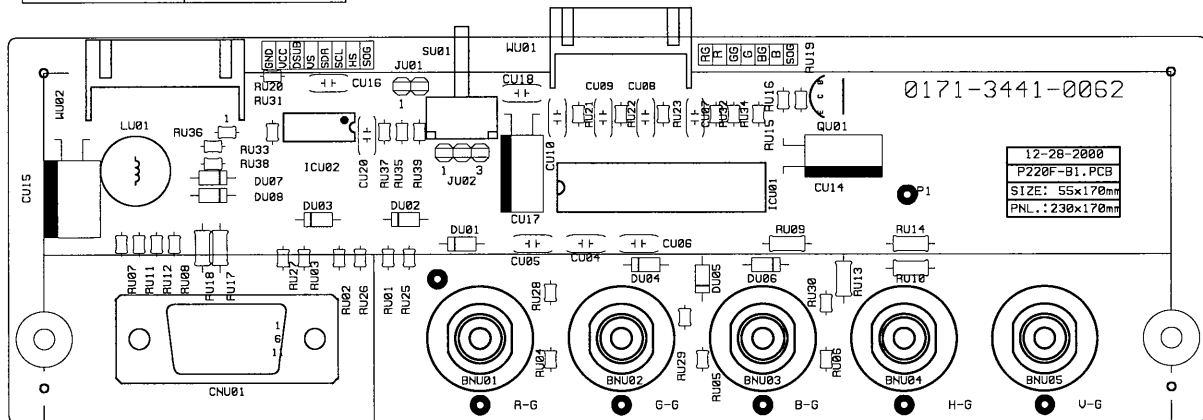
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Confidential - Do Not Copy

0171-3441-0062	SIZE: 55x170mm
P220F-B1.PCB	PNL.: 230x170mm
FR4 1/1z 1.6t	DATE: 11-13-00
Q'TY: 05 PNL	REC DATE: 11-21

DRAWING BY:
CHECK BY:
COMP TEXT

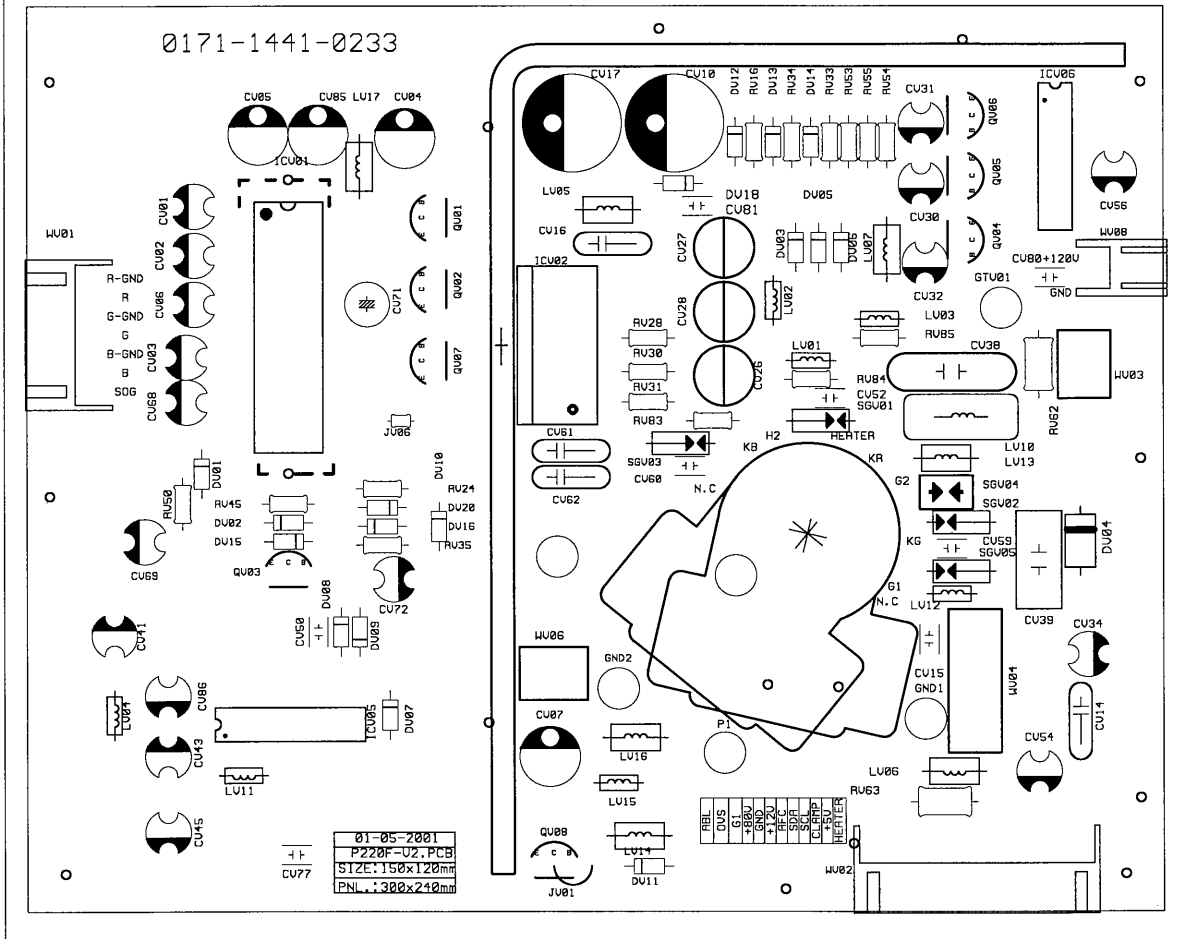


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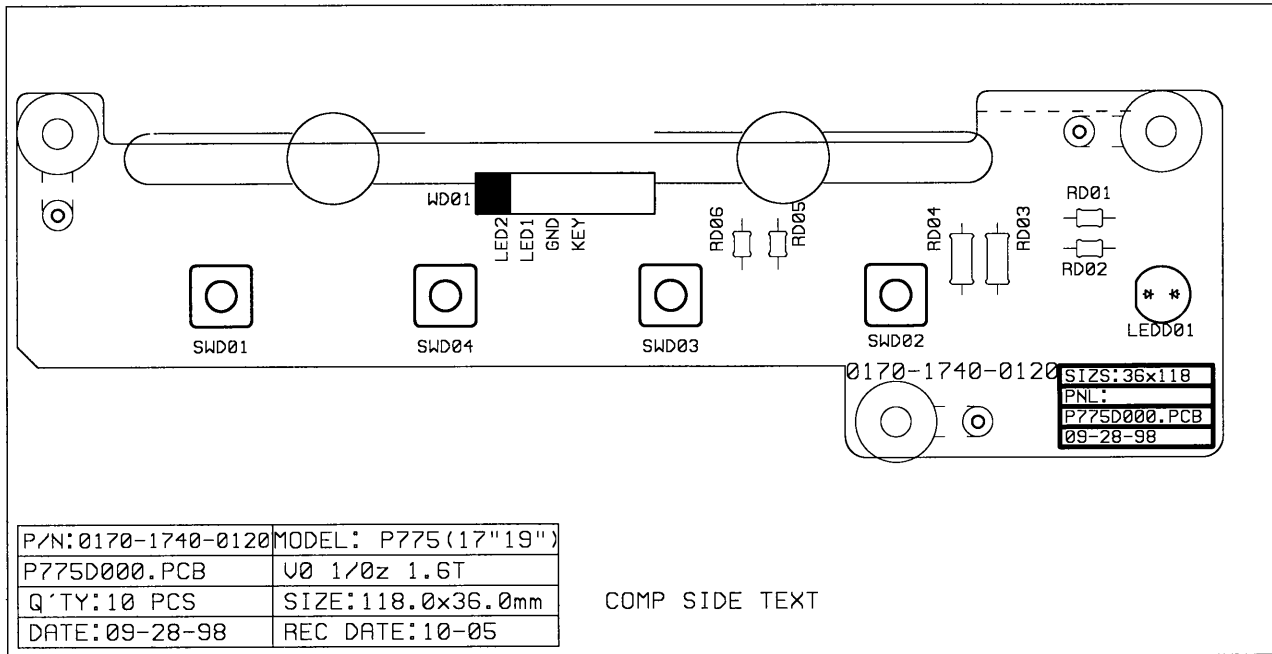
DRAWING BY:
CHECK BY:
COMP TEXT

P/N: 0171-1441-0233 P220F-U2.PCB
FR4 1/12 1.6T Q'TY: 06 PNL
SIZE: 150.0x120.0mm DATE: 01-05-01
PNL.: 300.0x240.0mm REC.: 01-12-01

0171-1441-0233

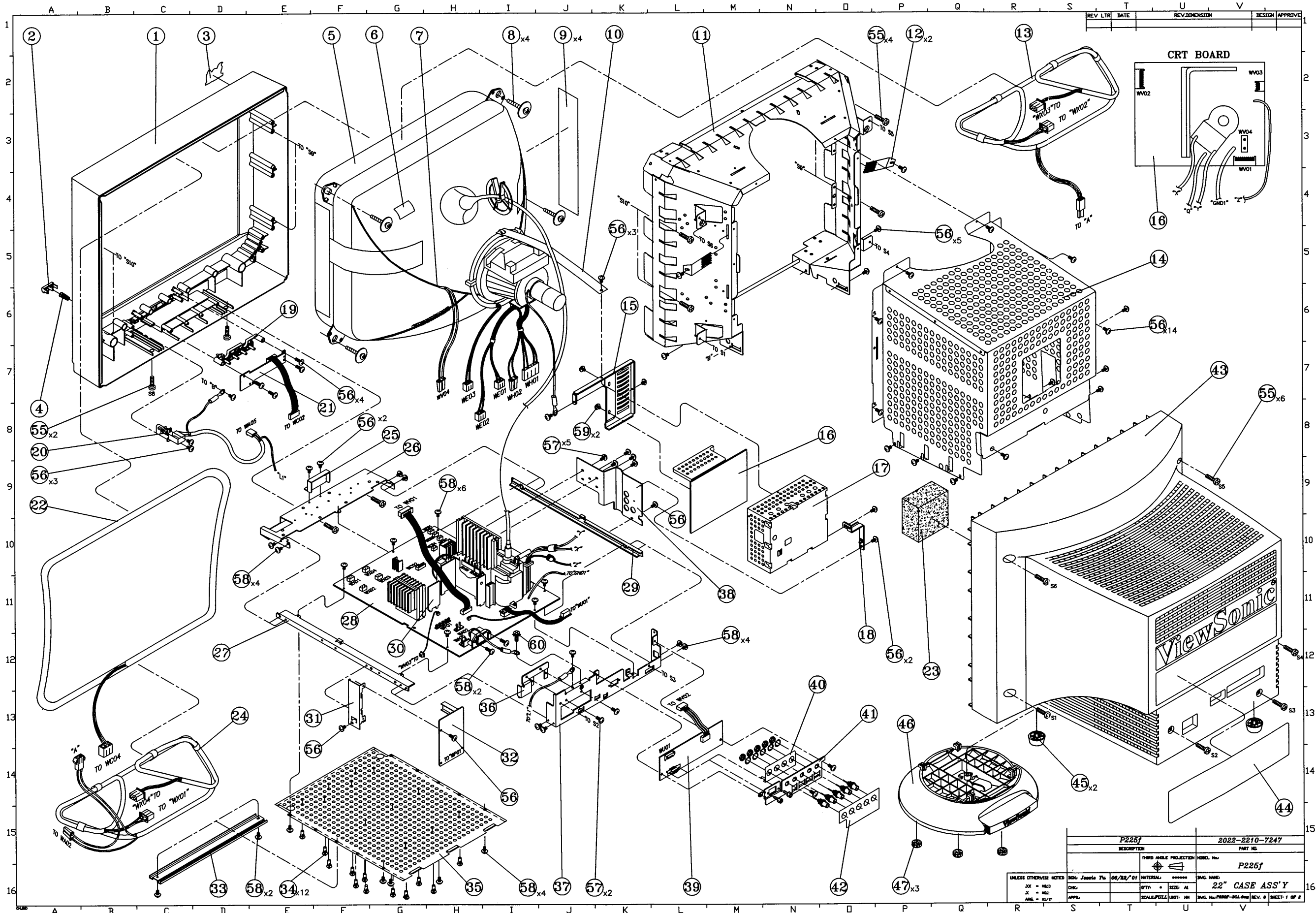


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Chapter 15. Exploded View and Parts List



P225f		2022-2210-7247	
DESCRIPTION		PART NO.	
THIS TABLE PROJECTION MODEL No.		P225f	
UNLESS OTHERWISE NOTED	DESIGN: Jeele 7/6	DATE: 06/22/01	MATERIAL: 000000
CHK: J	APP: J	SCALE: FULL	UNIT: MM
REV. 0	REV. 0	REV. 0	REV. 0
DRAWN: J		SHEET: 1 OF 2	

ITEM	ViewSonic P/N	VENDOR PART DESCRIPTION
1	C-FP-0301-0313	BEZEL VIEWSONIC P220f G7397 PC+ABS
2	PL-NB-0707-0138	POWER KNOB G7397 PF775
3	M-MS-0808-4677	V.SONIC LOCO (AL.PLATE)
4	M-MS-0808-0041	SPRING /PT771/P795
5	E-CRT-0409-0179	CRT 22" M51LRY21X62 MIT. .25MM
6	M-LB-0813-0097	FDA WARNING LBL AT396D
7	M-MS-0808-6603	BRAID 0.12/112C 1015 #18 1070mm
8	M-SCW-0824-0483	SCREW,BPCTW #5.0*34*WASHER 16ZN-CC
9	M-MS-0808-1907	SHIELDING AL. TAPE (270.0*50.0)
10	M-MS-0808-6157	INSULATOR FOR YOKE(150mm*20mm)
11	M-MS-0808-6612	SHIELAING ASS'Y NOKIA 130C
12	M-MS-0808-6124	COPPER CLAW
13	M-MS-0808-6613	DEGAUSSING COIL 22"6.8ohm0.7*140Ts+CORNER PURITY
14	M-CV-0830-0220	SHIELDING COVER
15	M-MS-0808-4670	VIDEO BD SHIELDING
16	B-VB-0202-0291	VIDEO B0 ASS'Y NOKIA 130C
17	M-MS-0808-5202	CRT BD SHIELDING-A
18	M-MS-0808-1880	CRT B0 BRACKET
19	PL-NB-0707-0147	FUNCTION KNOB G7397 PF775
20	M-SW-0815-0090	SW PUSH BUTTON SFDLD11E7U-AA
21	B-SB-0221-0206	ASS'Y DISPLAY BD PF775
22	E-L-0407-1373	PURITY COIL 22" 180ohm
23	M-MS-0808-1898	SPONGE 75LX75WX55T
24	M-MS-0808-6614	DEGAUSSING COIL 22"6.8ohm0.7*140Ts+CORNER PURITY
25	M-MS-0808-6120	CRT SUPPORT AT320DB
26	M-MS-0808-6605	CHASSIS BKT FRONT
27	M-MS-0808-6146	CHASSIS BKT RIGHT
26	B-MB-0201-0568	ASS'Y MAIN/PWR/CTRL BD P220F-2
29	M-MS-0808-6145	CHASSIS BKT LEFT
30	B-SB-0221-0246	ASS'Y DIODE OPTION BD P95F,P220F FOR DA17
31	M-MS-0808-6121	POWER FACTOR BRACKET
32	B-SB-0221-0257	ASS'Y POWER FACTOR BD GS815-2
33	M-MS-0808-6606	CHASSIS HOLDER
34	M-MS-0808-1844	SPACER SUPPORTS/FCB-10
35	M-MS-0808-5937	BOTTOM SHIELDING AT1097FB,AT1099DB
36	M-MS-0808-4661	AC BKT AT1099DA
37	M-MS-0808-4667	CHASSIS BKT REAR/AT897D
38	M-MS-0808-6610	HEAT SINK FOR EMI
39	B-SB-0221-0271	ASSN BNC BD NOKIA 130C

ITEM	ViewSonic P/N	VENDOR PART DESCRIPTION
40	M-MS-0808-2832	GROUNDING PLATE
41	M-MS-0808-2831	BNC BRACKET AT897/PT771/P795
42	M-MS-0808-2835	BNC PLATE AT897/TP771/P795
43	C-BC-0302-0289	BACK COVER P220f PC+ABS D-SUB&BNC
44	M-LB-0813-0571	B/C LBL VIEWSONIC P200f-2
45	PL-PD-0714-0028	PLASTIC FOOT /GL-24H
46	C-BS-0303-0228	BASE(USB) ASS'Y G7398 PC+ABS NOKIA
47	PL-PD-0714-0029	BASE FOOT 18.8X5.8T
55	M-SCW-0824-0201	SCREW,BBC,M4*14L,Zn-Cc
56	M-SCW-0824-0199	SCREW,BTCW,M3*8L,Zn-Cc
57	M-SCW-0824-0151	SCREW,BTCW,M3*10L,Zz-Cc
58	M-SCW-0824-0150	SCREW,BTCW,M3*6L,Zn-Cc
59	M-SCW-0824-0432	SCREW,BTCW,M3*12L,Zn-Cc
60	M-SCW-0824-0198	SCREW,PBATW,M4*8L,Zz-Cc